

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081822\  
 Data File : VN073996.D  
 Acq On : 18 Aug 2022 11:43  
 Operator : JC\MD  
 Sample : VN0818WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0818WBSD01

Quant Time: Aug 18 21:47:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 00:45:21 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 539236   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 791500   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.686 | 117  | 723205   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.616 | 152  | 363095   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 295031   | 56.174   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 112.340% |      |
| 35) Dibromofluoromethane    | 7.951  | 113   | 255146   | 54.509   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 109.020% |      |
| 50) Toluene-d8              | 10.381 | 98    | 963154   | 53.129   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 106.260% |      |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 333298   | 55.397   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 110.800% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 83946   | 19.633  | ug/l   | 99  |
| 3) Chloromethane             | 2.269 | 50  | 94381   | 19.850  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.405 | 62  | 111857  | 18.325  | ug/l   | 94  |
| 5) Bromomethane              | 2.805 | 94  | 70902   | 18.601  | ug/l   | 99  |
| 6) Chloroethane              | 2.969 | 64  | 77893   | 18.064  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.316 | 101 | 149925  | 19.041  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.763 | 74  | 56530   | 19.340  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.146 | 101 | 87881   | 19.213  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.351 | 142 | 86295   | 15.715  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.287 | 59  | 113164  | 96.324  | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.110 | 96  | 80015   | 18.801  | ug/l   | 89  |
| 13) Acrolein                 | 3.975 | 56  | 75823   | 92.206  | ug/l   | 97  |
| 14) Allyl chloride           | 4.763 | 41  | 121180  | 19.226  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.469 | 53  | 304877  | 106.294 | ug/l   | 100 |
| 16) Acetone                  | 4.222 | 43  | 247626  | 99.934  | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.457 | 76  | 177775  | 17.568  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.769 | 43  | 143135  | 21.671  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.528 | 73  | 304788  | 19.885  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.010 | 84  | 99785   | 19.084  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.510 | 96  | 86404   | 18.428  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.404 | 45  | 279663  | 20.927  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.351 | 43  | 1202558 | 105.007 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.304 | 63  | 167207  | 20.101  | ug/l   | 99  |
| 25) 2-Butanone               | 7.257 | 43  | 406139  | 103.371 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.245 | 77  | 141408  | 18.094  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.245 | 96  | 113145  | 19.559  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.581 | 49  | 64475   | 21.015  | ug/l   | 91  |
| 29) Tetrahydrofuran          | 7.610 | 42  | 267178  | 106.009 | ug/l   | 97  |
| 30) Chloroform               | 7.745 | 83  | 184328  | 19.817  | ug/l   | 100 |
| 31) Cyclohexane              | 8.022 | 56  | 142634  | 19.481  | ug/l   | 93  |
| 32) 1,1,1-Trichloroethane    | 7.939 | 97  | 157345  | 19.075  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.151 | 75  | 122253  | 18.804  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.334 | 43  | 156121  | 19.821  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.134 | 117 | 135316  | 18.209  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.392 | 83  | 153300  | 18.818  | ug/l   | 98  |
| 40) Benzene                  | 8.387 | 78  | 397079  | 19.351  | ug/l   | 99  |

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 Sample : VN0818WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Quant Time: Aug 18 21:47:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 00:45:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.563  | 41   | 71770    | 20.163  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.463  | 62   | 138700   | 19.658  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.492  | 43   | 229013   | 20.410  | ug/l   | 98       |
| 44) Trichloroethene           | 9.151  | 130  | 105464   | 17.795  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.428  | 63   | 100121   | 20.356  | ug/l   | 100      |
| 46) Dibromomethane            | 9.510  | 93   | 73338    | 19.613  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.698  | 83   | 138951   | 19.442  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.498  | 41   | 99794    | 20.785  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.504  | 88   | 58261    | 408.052 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.269 | 43   | 810341   | 106.815 | ug/l   | 100      |
| 52) Toluene                   | 10.445 | 92   | 258383   | 18.363  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.657 | 75   | 147467   | 19.663  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.128 | 75   | 159389   | 19.424  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.833 | 97   | 112092   | 20.479  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.698 | 69   | 164554   | 21.079  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.980 | 76   | 181614   | 20.407  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.981  | 63   | 385814   | 105.893 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.022 | 43   | 619359   | 106.081 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.180 | 129  | 118967   | 19.655  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.286 | 107  | 118128   | 20.178  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.916 | 164  | 98215    | 17.206  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.710 | 112  | 289748   | 18.852  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.780 | 131  | 110845   | 19.045  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.780 | 91   | 478670   | 18.727  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.892 | 106  | 392169   | 37.761  | ug/l   | 97       |
| 69) o-Xylene                  | 12.222 | 106  | 194478   | 18.673  | ug/l   | 97       |
| 70) Styrene                   | 12.233 | 104  | 315059   | 19.323  | ug/l   | 98       |
| 71) Bromoform                 | 12.398 | 173  | 95726    | 18.422  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.522 | 105  | 487328   | 18.432  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.327 | 43   | 187788   | 18.788  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.769 | 83   | 176497   | 19.893  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.822 | 75   | 216509   | 28.689  | ug/l # | 1        |
| 77) Bromobenzene              | 12.798 | 156  | 132374   | 18.497  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.857 | 91   | 547275   | 19.418  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.945 | 91   | 338705   | 19.285  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.998 | 105  | 419104   | 19.488  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.569 | 75   | 48875    | 18.419  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.045 | 91   | 325777   | 19.530  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.263 | 119  | 378171   | 19.109  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.310 | 105  | 419137   | 19.517  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.439 | 105  | 506574   | 19.748  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.557 | 119  | 431157   | 19.729  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.551 | 146  | 232888   | 18.765  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.633 | 146  | 234506   | 18.645  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.880 | 91   | 318677   | 18.411  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.151 | 117  | 75147    | 18.812  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.927 | 146  | 243176   | 18.974  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.539 | 75   | 39520    | 18.865  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.198 | 180  | 142594   | 18.281  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.304 | 225  | 76242    | 18.542  | ug/l   | 98       |
| 95) Naphthalene               | 15.433 | 128  | 476866   | 18.752  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.627 | 180  | 150065   | 18.613  | ug/l   | 99       |

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Sample : VN0818WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Time: Aug 18 21:47:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 16 00:45:21 2022  
Response via : Initial Calibration

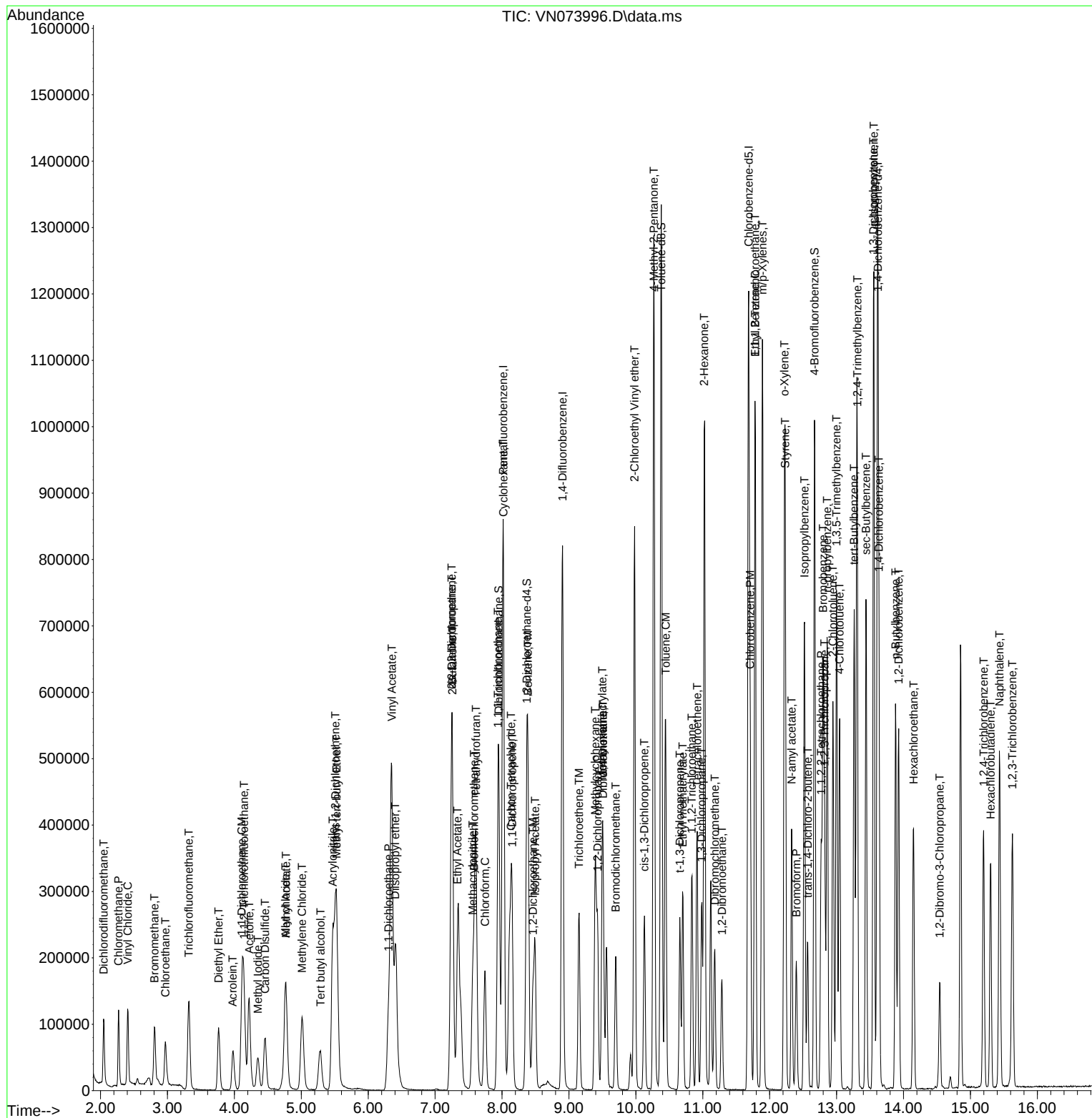
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

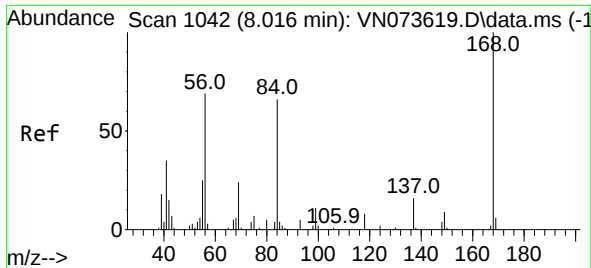
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ALS Vial : 6 Sample Multiplier: 1

**Instrument :**  
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VN0818WBSD01

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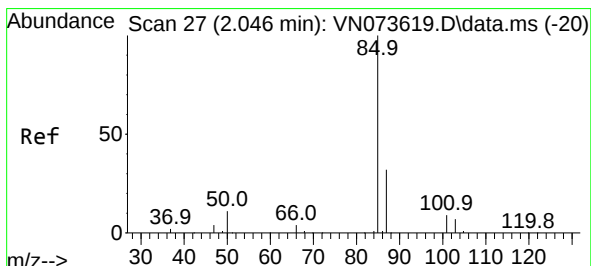
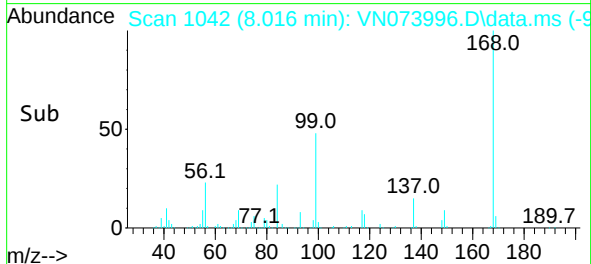
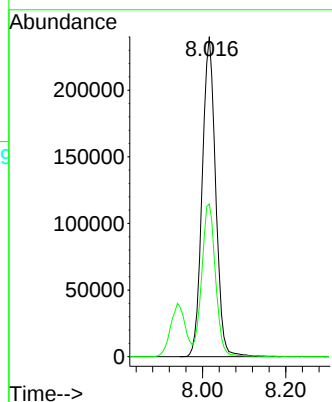
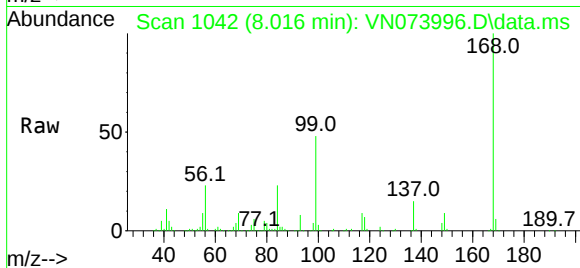




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

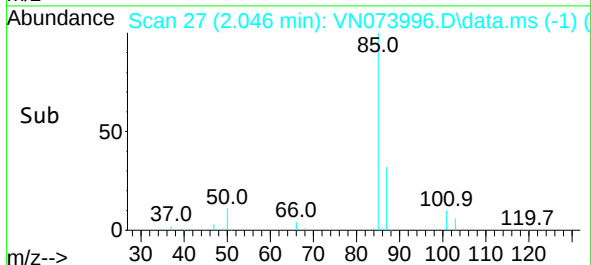
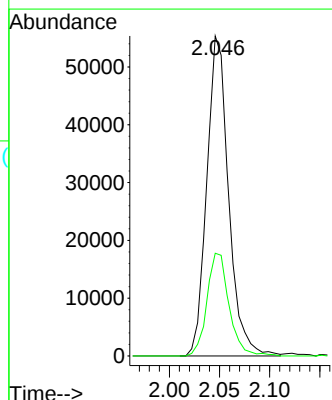
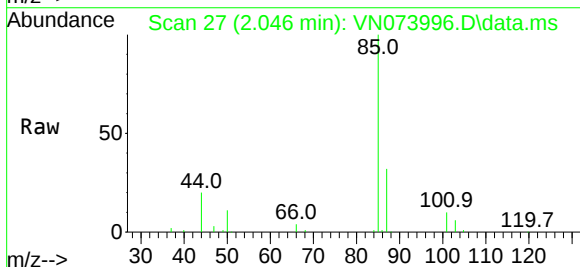
Instrument :  
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ClientSampleId :  
VN0818WBSD01

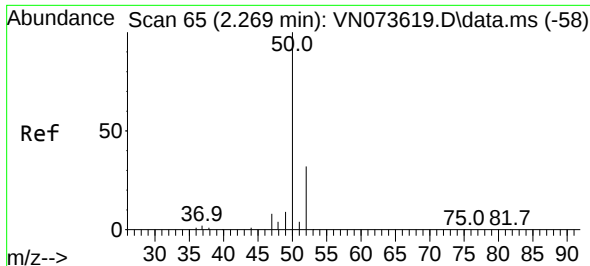
Tgt Ion:168 Resp: 539236  
Ion Ratio Lower Upper  
168 100  
99 47.7 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 19.633 ug/l  
RT: 2.046 min Scan# 27  
Delta R.T. -0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 85 Resp: 83946  
Ion Ratio Lower Upper  
85 100  
87 32.1 15.7 47.1

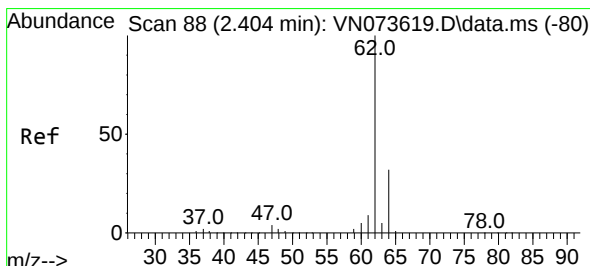
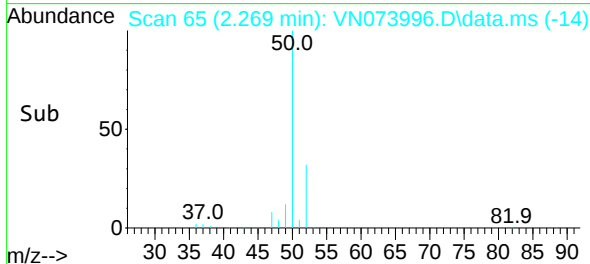
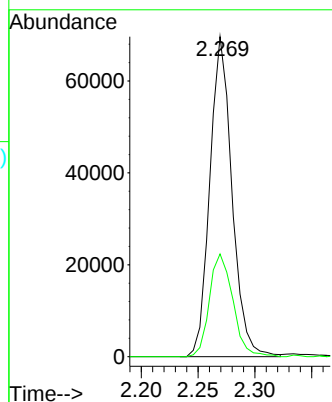
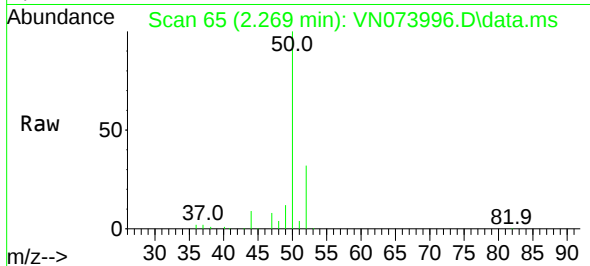




#3  
Chloromethane  
Concen: 19.850 ug/l  
RT: 2.269 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

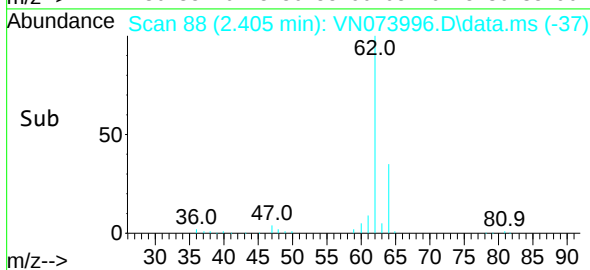
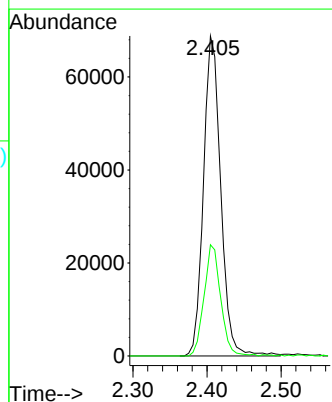
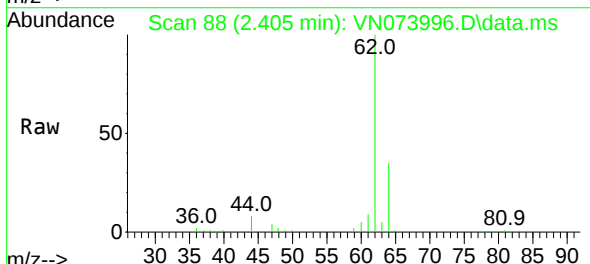
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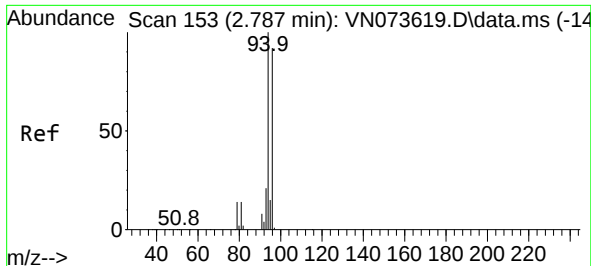
Tgt Ion: 50 Resp: 94381  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.7 38.5



#4  
Vinyl Chloride  
Concen: 18.325 ug/l  
RT: 2.405 min Scan# 88  
Delta R.T. 0.001 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 62 Resp: 111857  
Ion Ratio Lower Upper  
62 100  
64 34.7 25.0 37.4

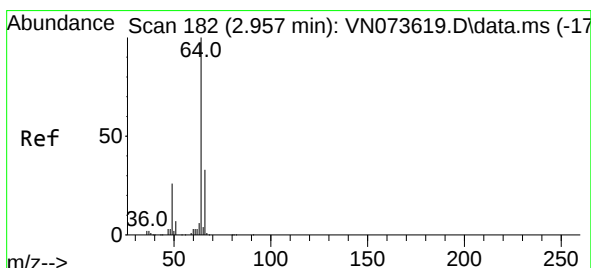
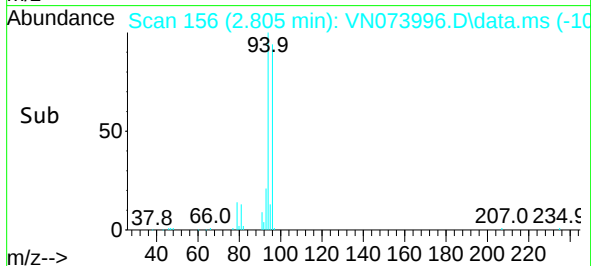
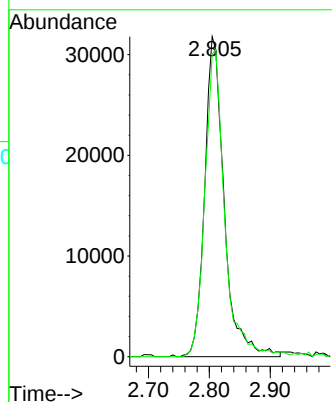
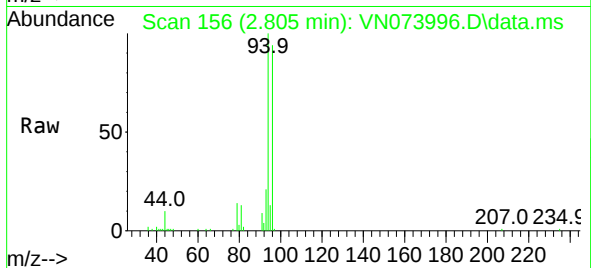




#5  
Bromomethane  
Concen: 18.601 ug/l  
RT: 2.805 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

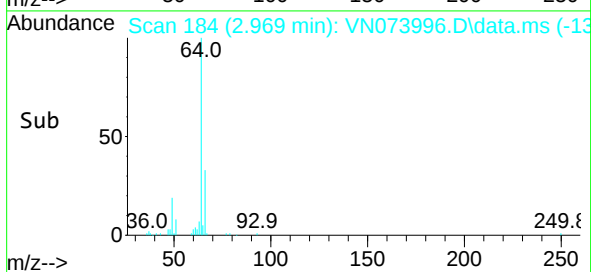
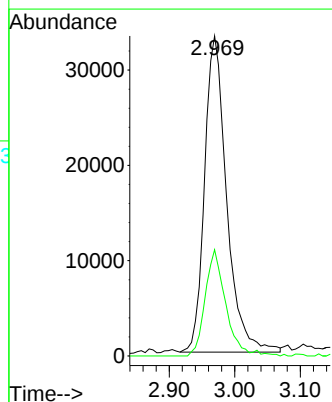
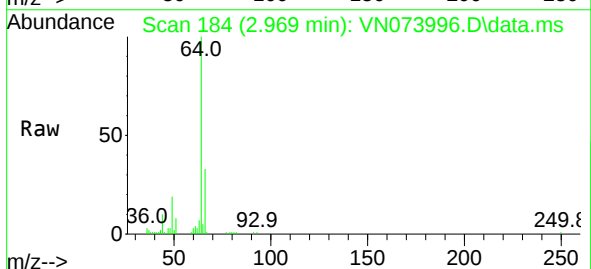
Instrument :  
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VN0818WBSD01

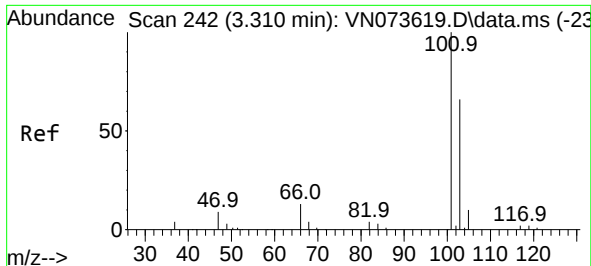
Tgt Ion: 94 Resp: 70902  
Ion Ratio Lower Upper  
94 100  
96 94.5 76.0 114.0



#6  
Chloroethane  
Concen: 18.064 ug/l  
RT: 2.969 min Scan# 184  
Delta R.T. 0.012 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 64 Resp: 77893  
Ion Ratio Lower Upper  
64 100  
66 33.6 26.2 39.4

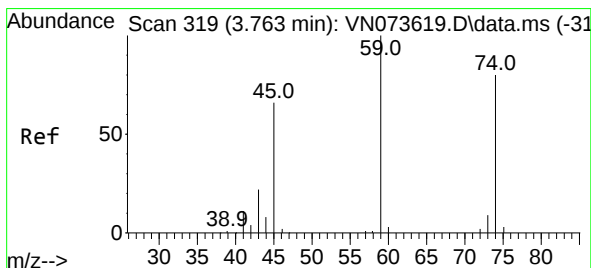
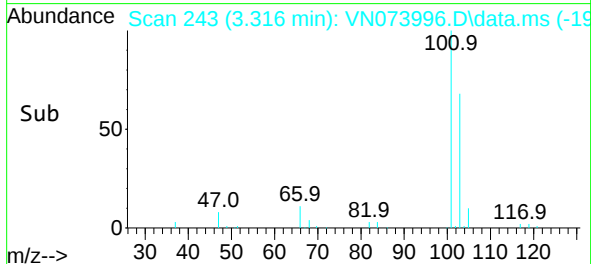
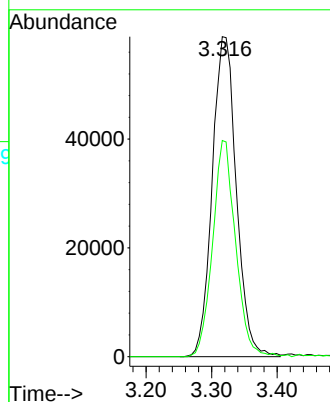
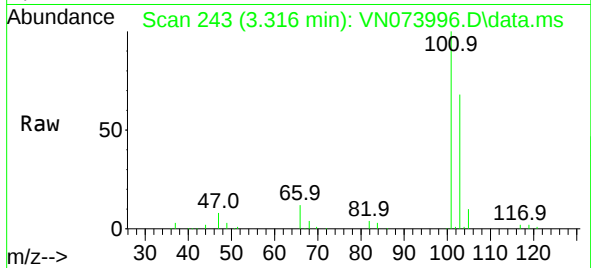




#7  
 Trichlorofluoromethane  
 Concen: 19.041 ug/l  
 RT: 3.316 min Scan# 242  
 Delta R.T. 0.006 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

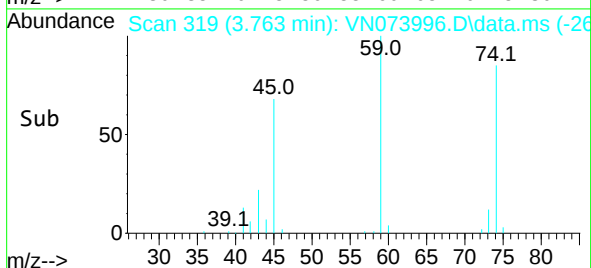
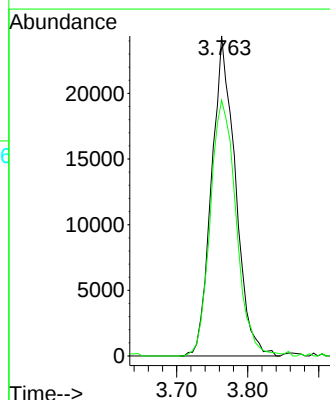
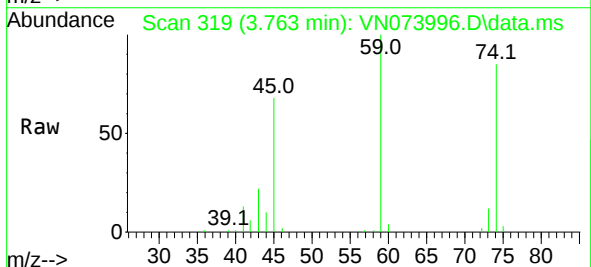
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0818WBSD01

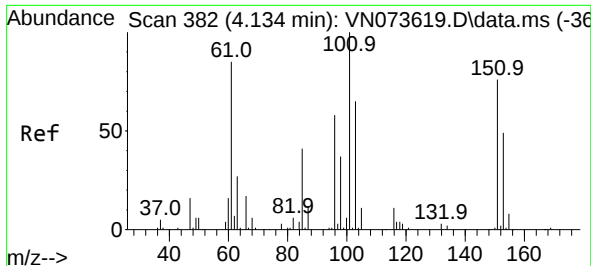
Tgt Ion:101 Resp: 149925  
 Ion Ratio Lower Upper  
 101 100  
 103 67.6 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 19.340 ug/l  
 RT: 3.763 min Scan# 319  
 Delta R.T. 0.000 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

Tgt Ion: 74 Resp: 56530  
 Ion Ratio Lower Upper  
 74 100  
 45 86.8 42.9 128.5

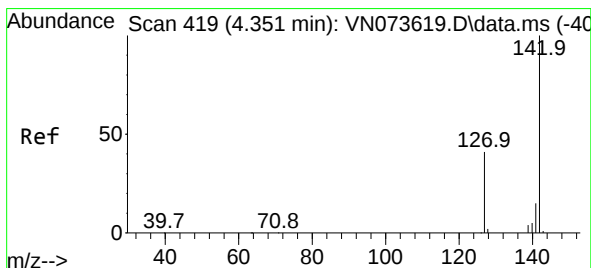
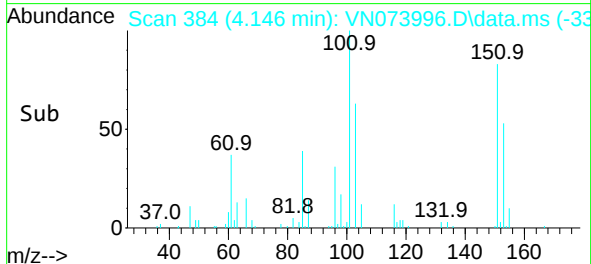
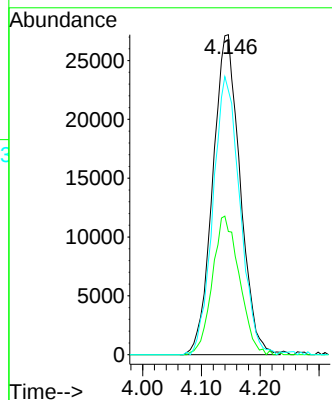
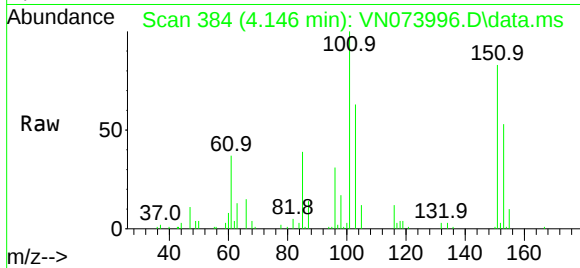




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.213 ug/l  
RT: 4.146 min Scan# 384  
Delta R.T. 0.012 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

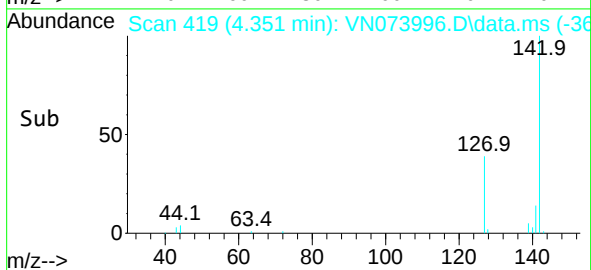
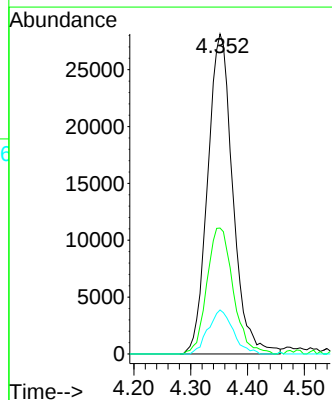
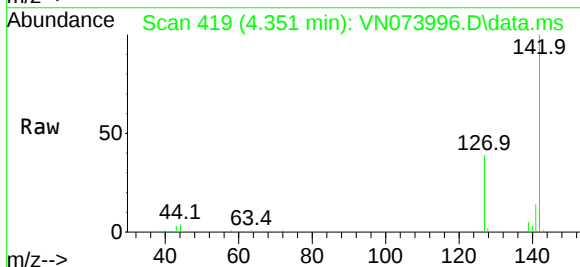
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

Tgt Ion:101 Resp: 87881  
Ion Ratio Lower Upper  
101 100  
85 42.7 34.7 52.1  
151 85.5 63.0 94.4



#10  
Methyl Iodide  
Concen: 15.715 ug/l  
RT: 4.351 min Scan# 419  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion:142 Resp: 86295  
Ion Ratio Lower Upper  
142 100  
127 41.2 31.3 46.9  
141 13.6 11.2 16.8

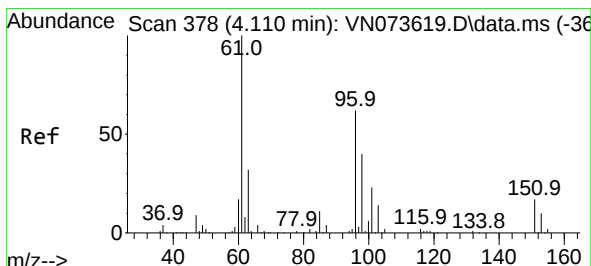
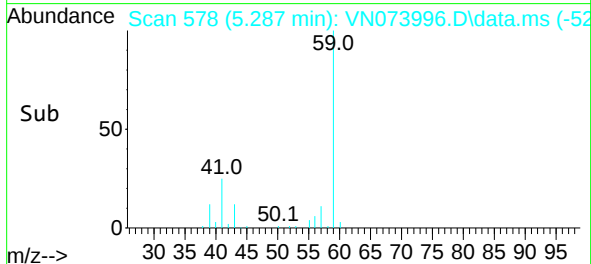
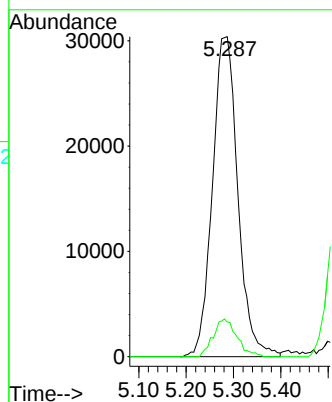
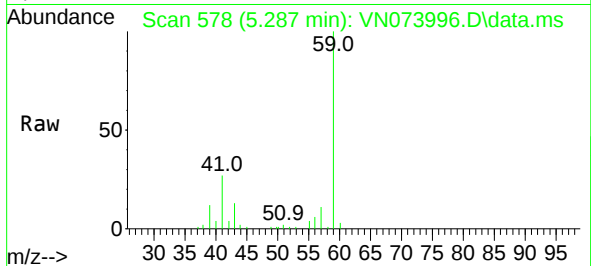




#11  
Tert butyl alcohol  
Concen: 96.324 ug/l  
RT: 5.287 min Scan# 51  
Delta R.T. -0.005 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

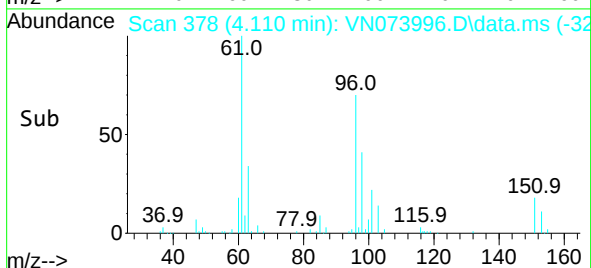
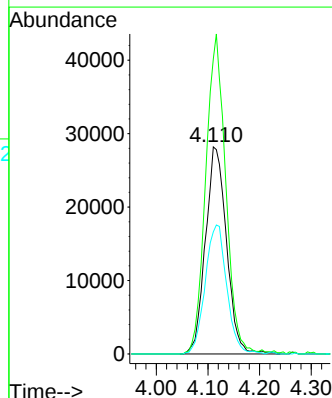
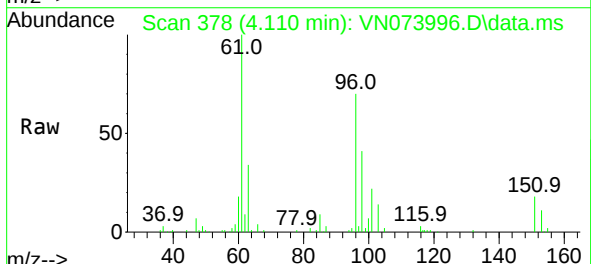
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

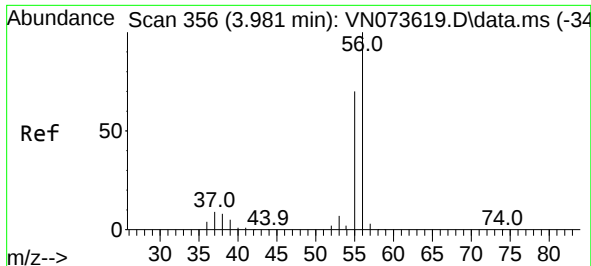
Tgt Ion: 59 Resp: 113164  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 18.801 ug/l  
RT: 4.110 min Scan# 378  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 96 Resp: 80015  
Ion Ratio Lower Upper  
96 100  
61 142.5 127.6 191.4  
98 59.0 51.2 76.8

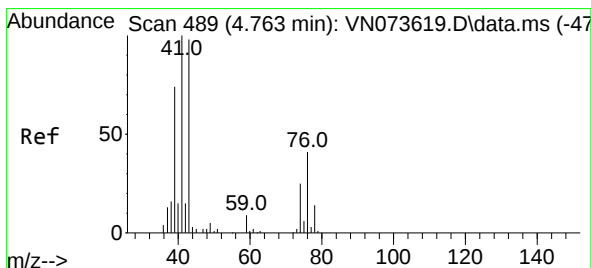
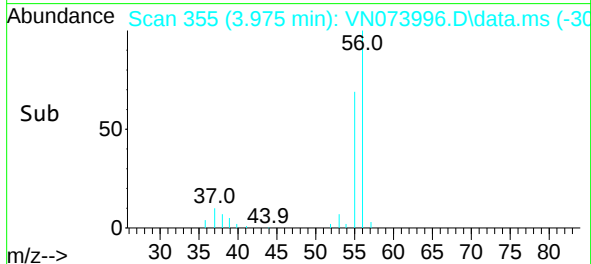
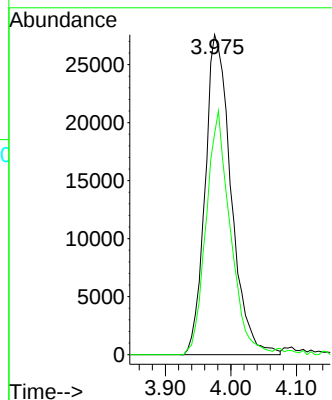
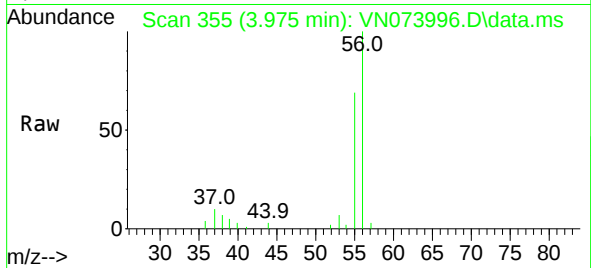




#13  
Acrolein  
Concen: 92.206 ug/l  
RT: 3.975 min Scan# 356  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

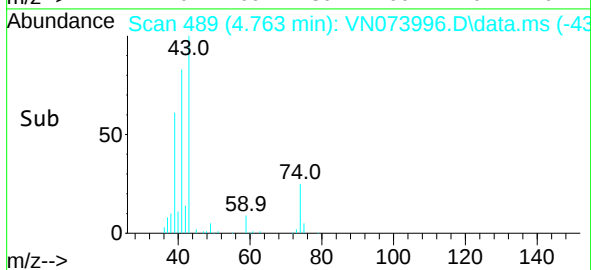
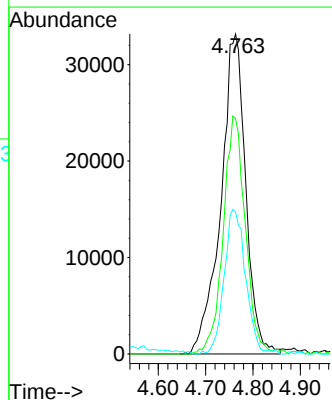
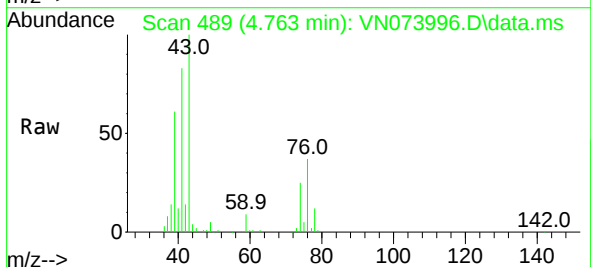
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

Tgt Ion: 56 Resp: 75823  
Ion Ratio Lower Upper  
56 100  
55 71.1 54.8 82.2



#14  
Allyl chloride  
Concen: 19.226 ug/l  
RT: 4.763 min Scan# 489  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 41 Resp: 121180  
Ion Ratio Lower Upper  
41 100  
39 65.9 53.2 79.8  
76 39.0 29.9 44.9

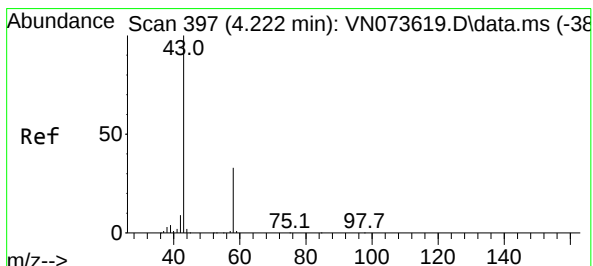
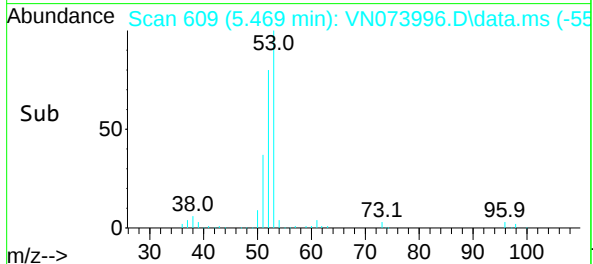
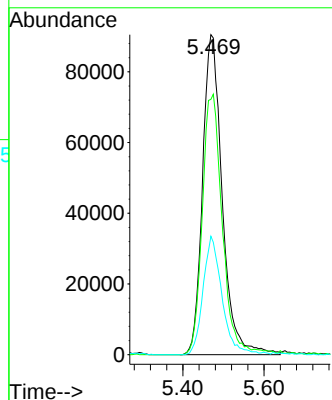
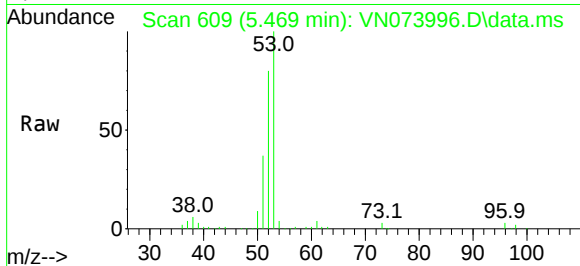




#15  
Acrylonitrile  
Concen: 106.294 ug/l  
RT: 5.469 min Scan# 610  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

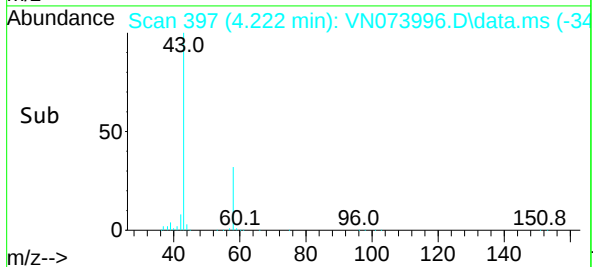
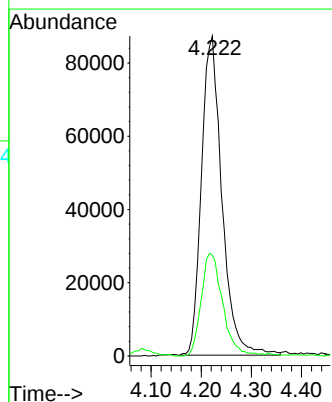
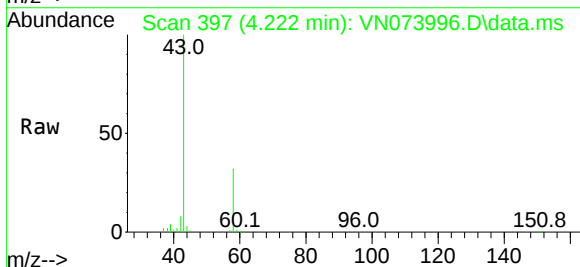
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

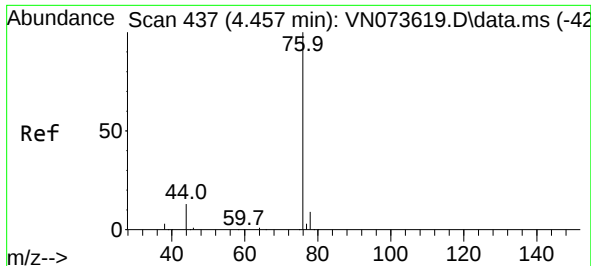
Tgt Ion: 53 Resp: 304877  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.4 99.6  
51 35.5 28.5 42.7



#16  
Acetone  
Concen: 99.934 ug/l  
RT: 4.222 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 43 Resp: 247626  
Ion Ratio Lower Upper  
43 100  
58 31.6 26.0 39.0

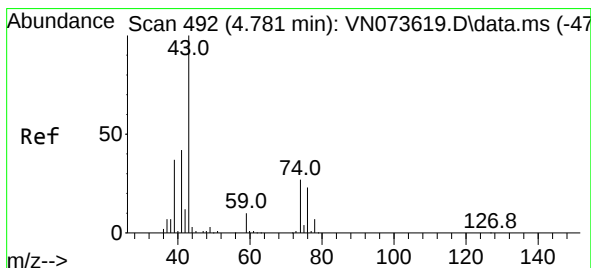
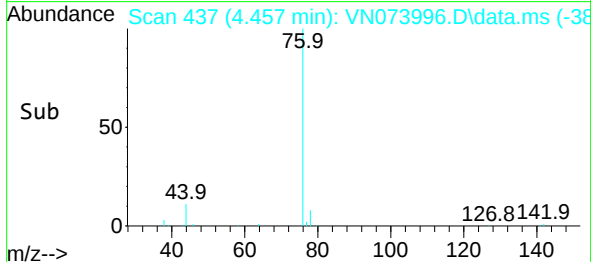
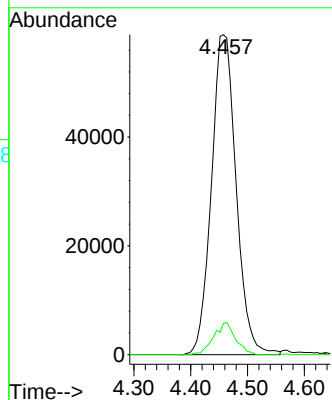
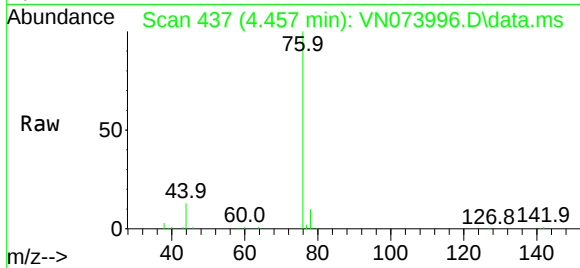




#17  
Carbon Disulfide  
Concen: 17.568 ug/l  
RT: 4.457 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

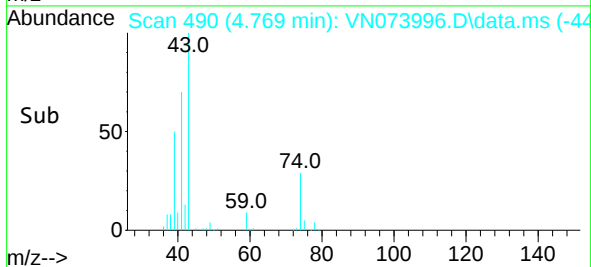
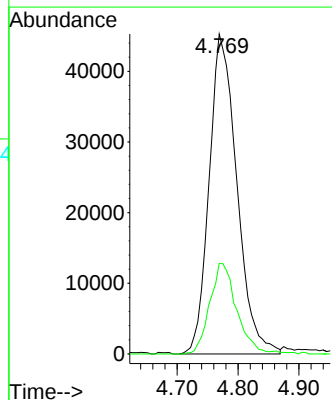
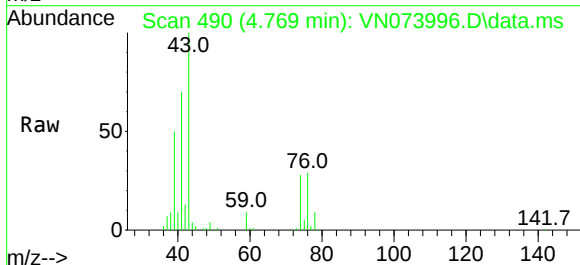
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

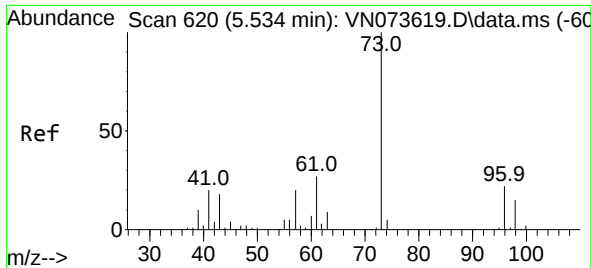
Tgt Ion: 76 Resp: 177775  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.2 10.8



#18  
Methyl Acetate  
Concen: 21.671 ug/l  
RT: 4.769 min Scan# 490  
Delta R.T. -0.012 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 43 Resp: 143135  
Ion Ratio Lower Upper  
43 100  
74 27.2 21.6 32.4

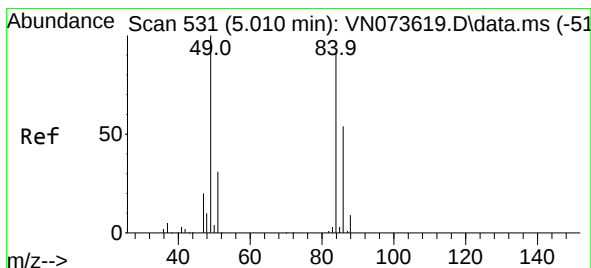
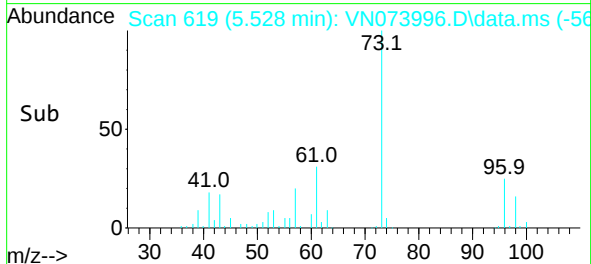
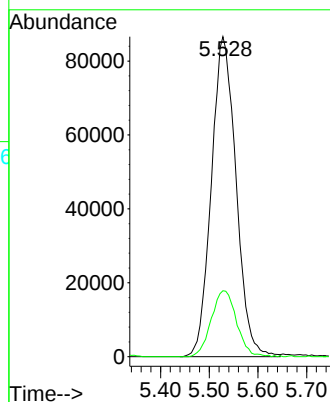
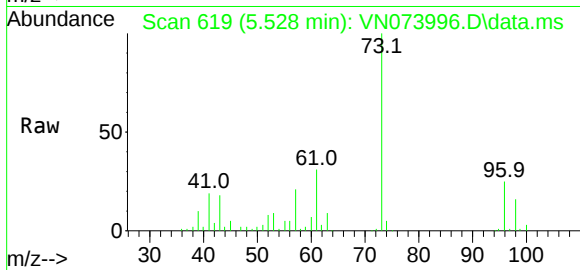




#19  
Methyl tert-butyl Ether  
Concen: 19.885 ug/l  
RT: 5.528 min Scan# 619  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

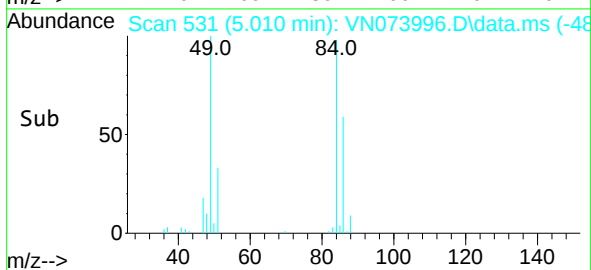
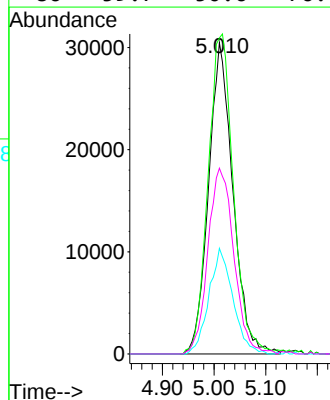
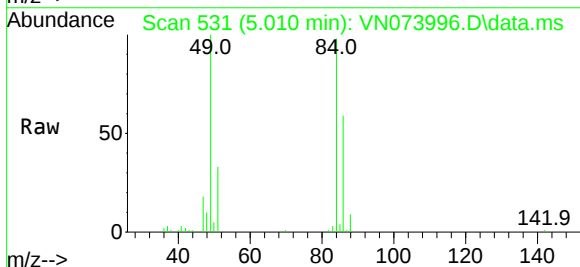
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

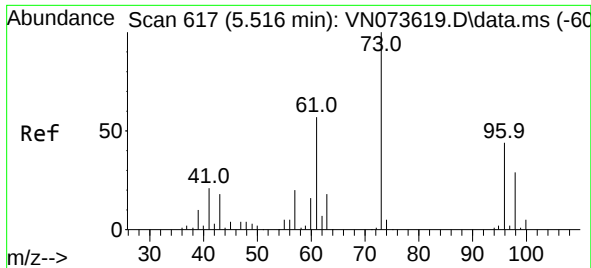
Tgt Ion: 73 Resp: 304788  
Ion Ratio Lower Upper  
73 100  
57 20.6 17.6 26.4



#20  
Methylene Chloride  
Concen: 19.084 ug/l  
RT: 5.010 min Scan# 531  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 84 Resp: 99785  
Ion Ratio Lower Upper  
84 100  
49 101.5 88.3 132.5  
51 33.9 28.2 42.2  
86 59.7 50.6 76.0

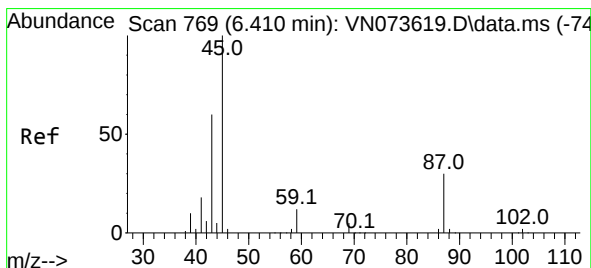
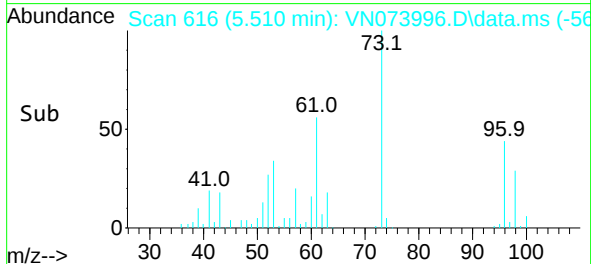
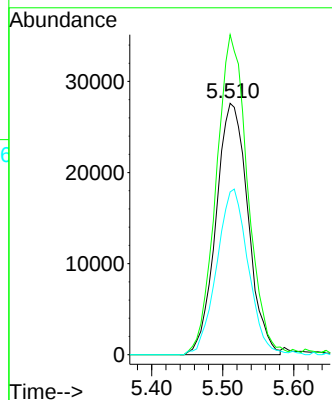
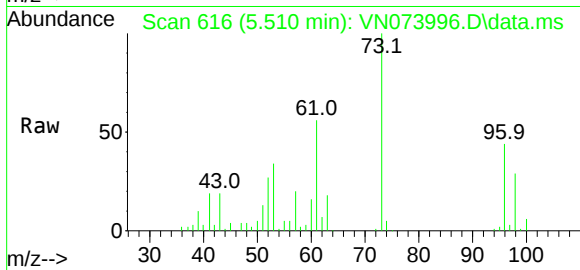




#21  
trans-1,2-Dichloroethene  
Concen: 18.428 ug/l  
RT: 5.510 min Scan# 617  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

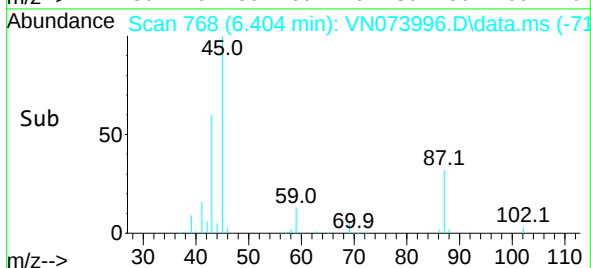
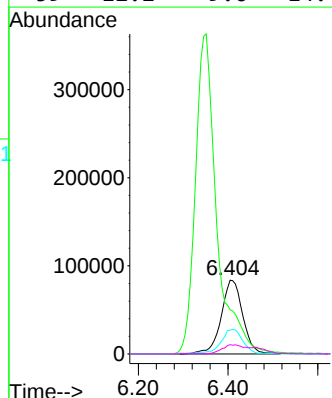
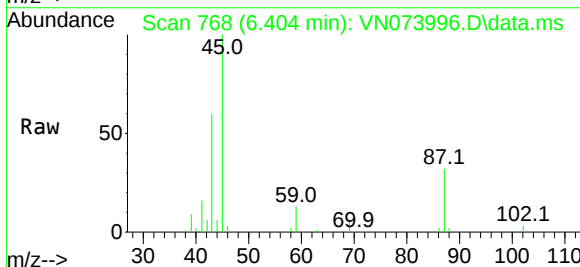
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

Tgt Ion: 96 Resp: 86404  
Ion Ratio Lower Upper  
96 100  
61 127.3 105.8 158.8  
98 64.7 50.3 75.5



#22  
Diisopropyl ether  
Concen: 20.927 ug/l  
RT: 6.404 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 45 Resp: 279663  
Ion Ratio Lower Upper  
45 100  
43 57.8 46.6 70.0  
87 32.0 24.3 36.5  
59 12.2 9.6 14.4

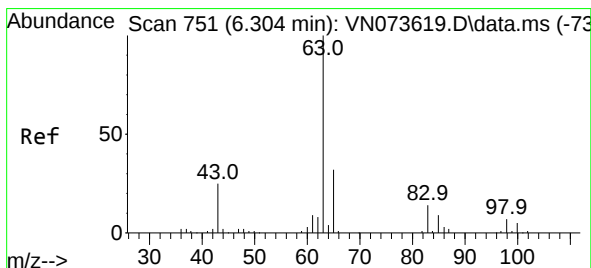
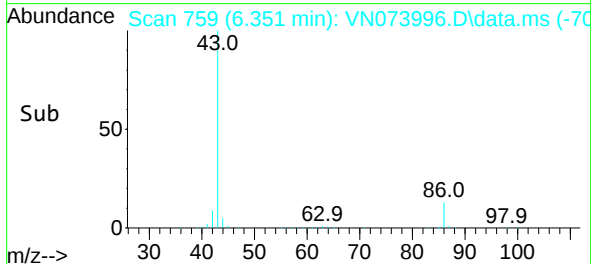
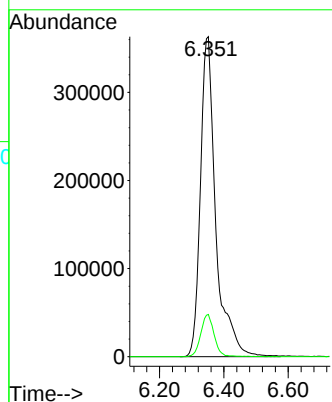
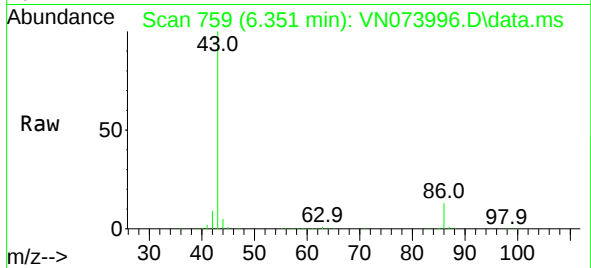




#23  
 Vinyl Acetate  
 Concen: 105.007 ug/l  
 RT: 6.351 min Scan# 759  
 Delta R.T. 0.000 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

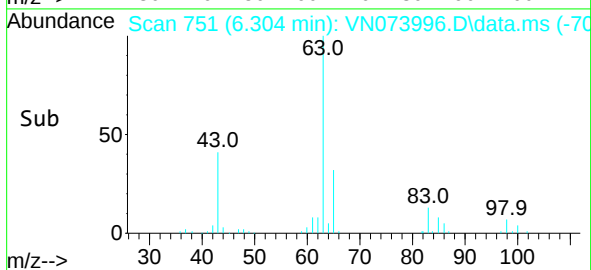
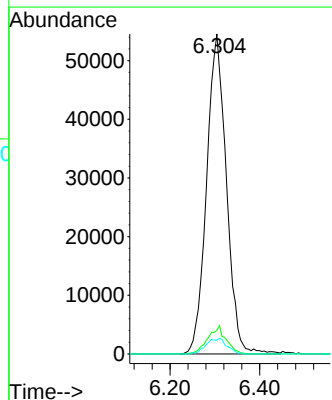
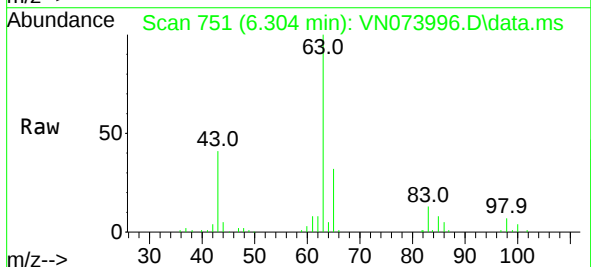
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0818WBSD01

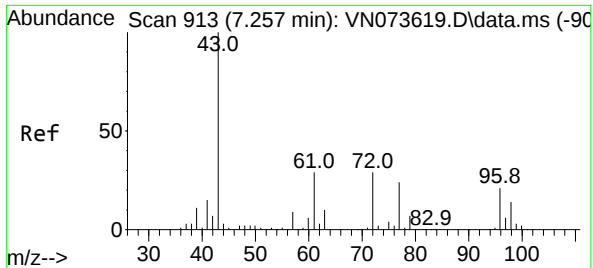
Tgt Ion: 43 Resp: 1202558  
 Ion Ratio Lower Upper  
 43 100  
 86 13.2 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 20.101 ug/l  
 RT: 6.304 min Scan# 751  
 Delta R.T. 0.000 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

Tgt Ion: 63 Resp: 167207  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.4  
 100 4.3 2.3 6.8

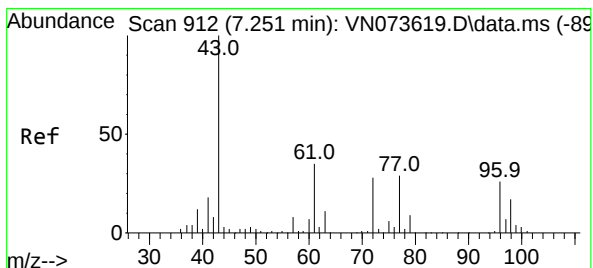
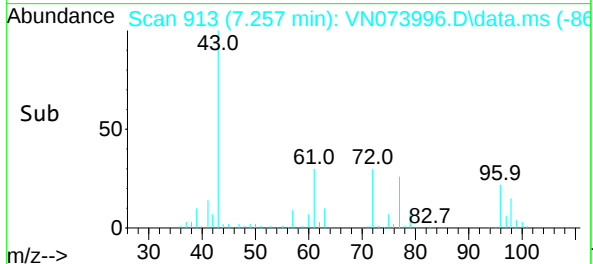
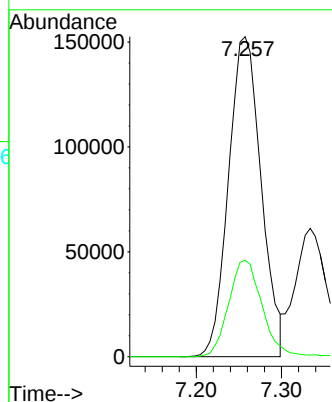
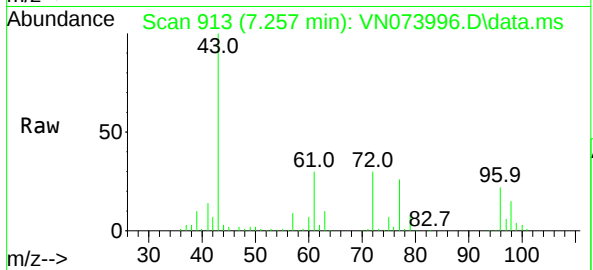




#25  
2-Butanone  
Concen: 103.371 ug/l  
RT: 7.257 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

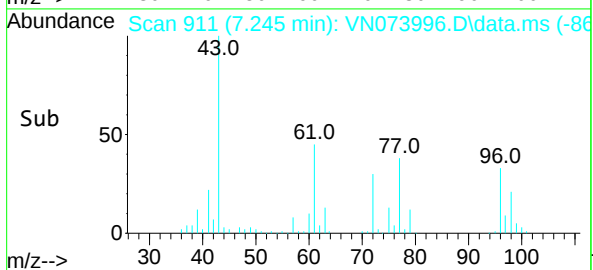
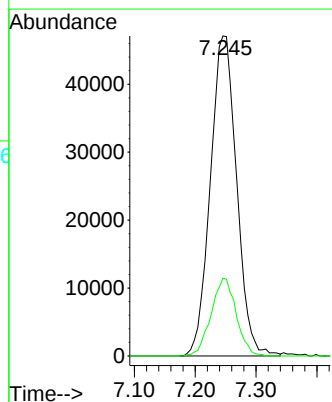
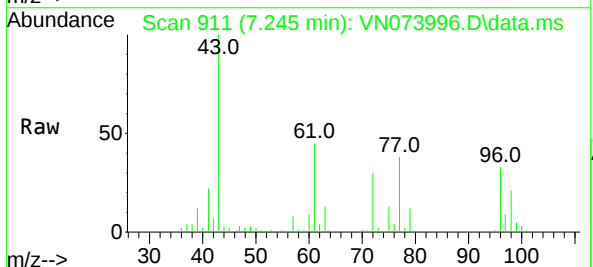
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

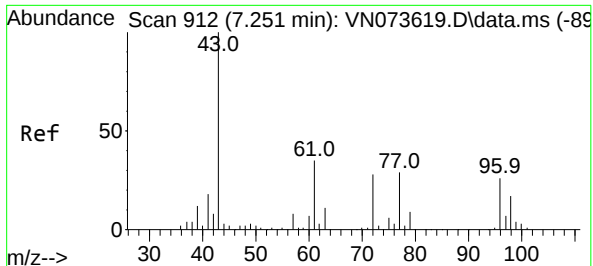
Tgt Ion: 43 Resp: 406139  
Ion Ratio Lower Upper  
43 100  
72 30.1 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 18.094 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 77 Resp: 141408  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.559 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0818WBSD01

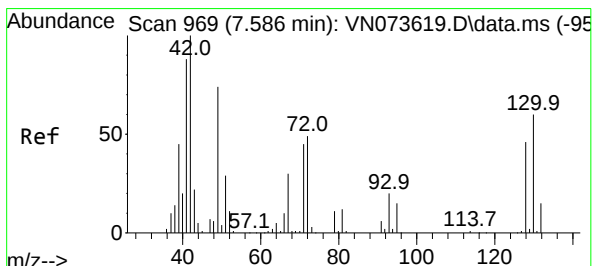
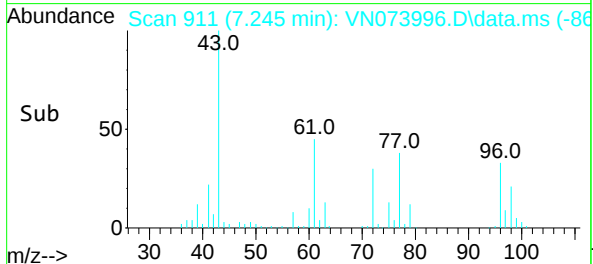
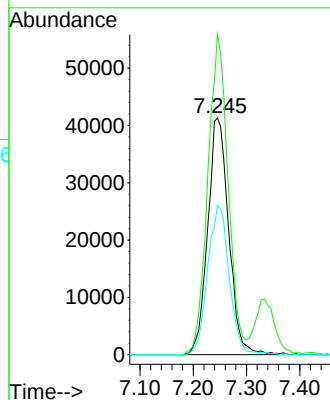
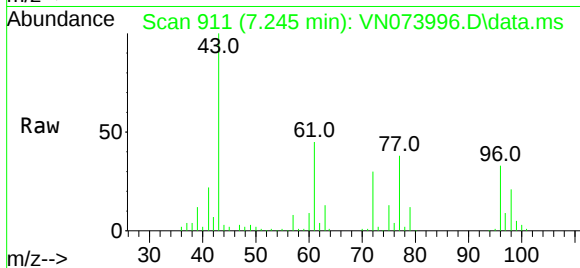
Tgt Ion: 96 Resp: 113145

Ion Ratio Lower Upper

96 100

61 130.2 0.0 280.6

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 21.015 ug/l

RT: 7.581 min Scan# 968

Delta R.T. -0.005 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

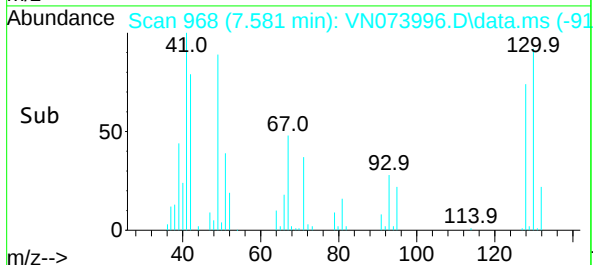
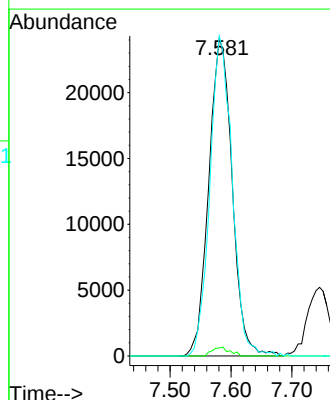
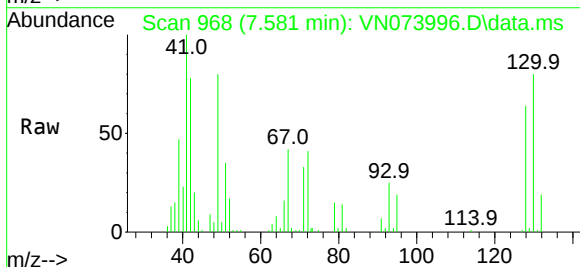
Tgt Ion: 49 Resp: 64475

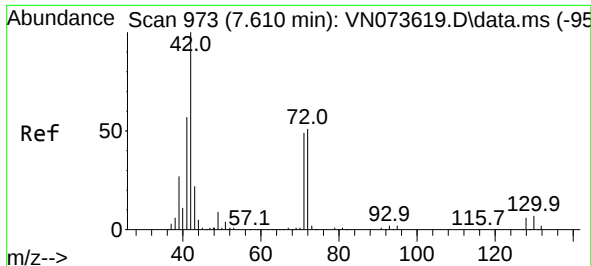
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 96.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 106.009 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0818WBSD01

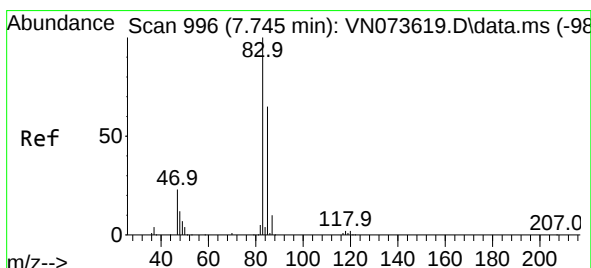
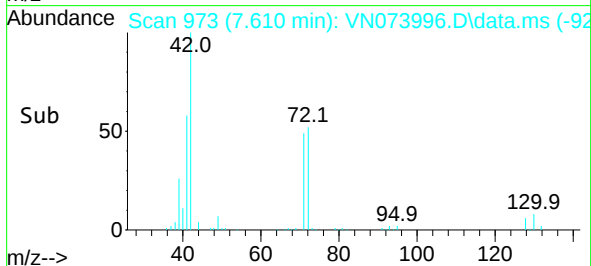
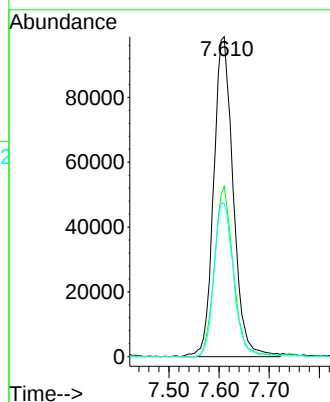
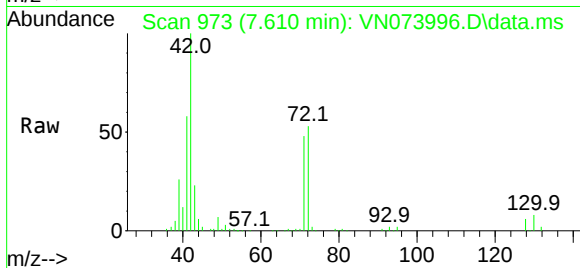
Tgt Ion: 42 Resp: 267178

Ion Ratio Lower Upper

42 100

72 50.7 39.7 59.5

71 48.3 36.6 55.0



#30

Chloroform

Concen: 19.817 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073996.D

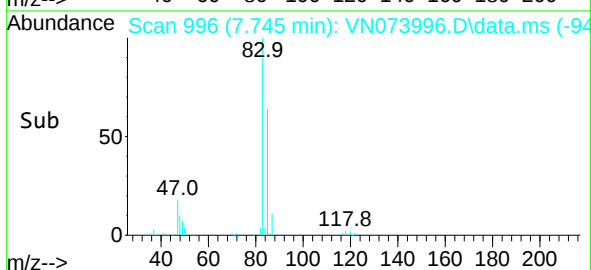
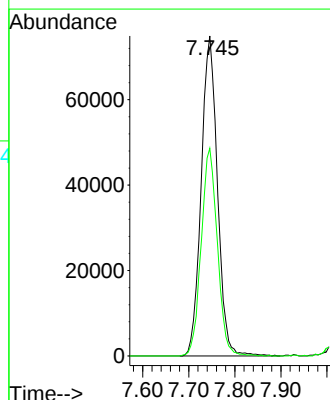
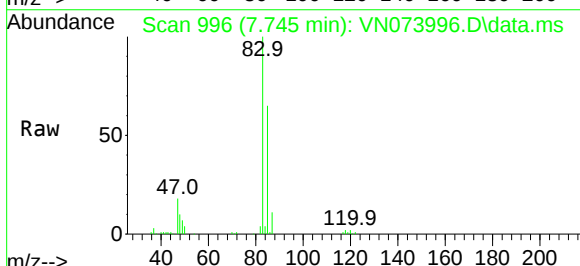
Acq: 18 Aug 2022 11:43

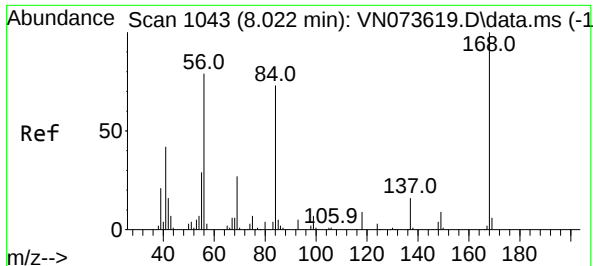
Tgt Ion: 83 Resp: 184328

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.8





#31

Cyclohexane

Concen: 19.481 ug/l

RT: 8.022 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0818WBSD01

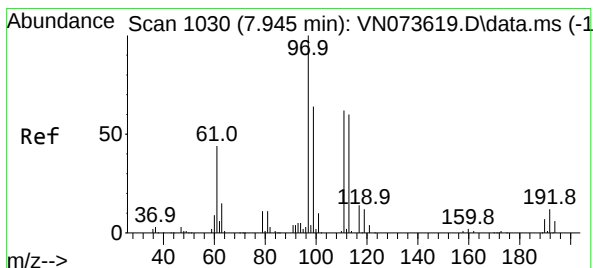
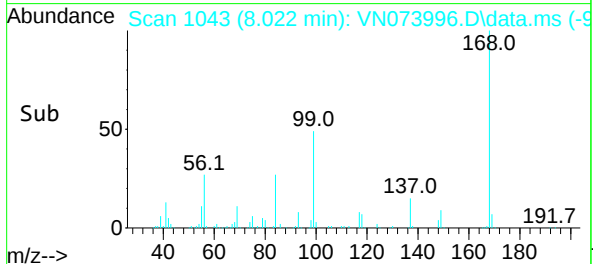
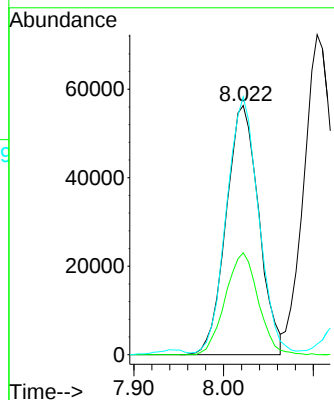
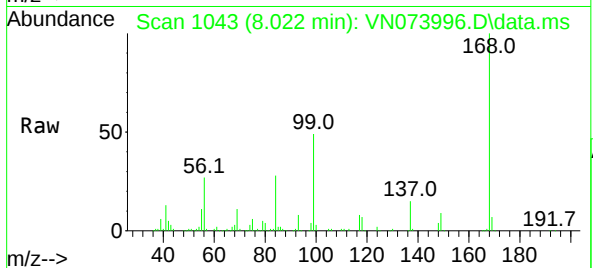
Tgt Ion: 56 Resp: 142634

Ion Ratio Lower Upper

56 100

69 40.9 27.8 41.8

84 101.7 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 19.075 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

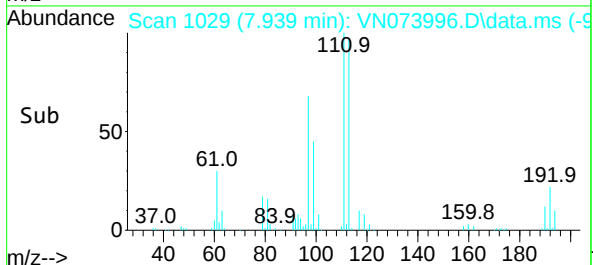
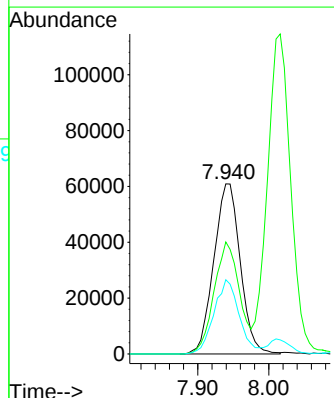
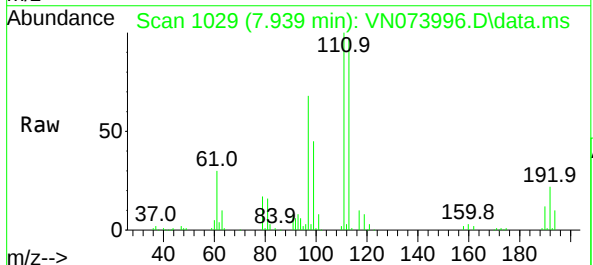
Tgt Ion: 97 Resp: 157345

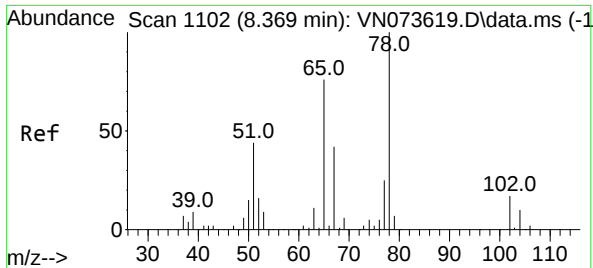
Ion Ratio Lower Upper

97 100

99 63.4 50.6 76.0

61 41.5 36.0 54.0

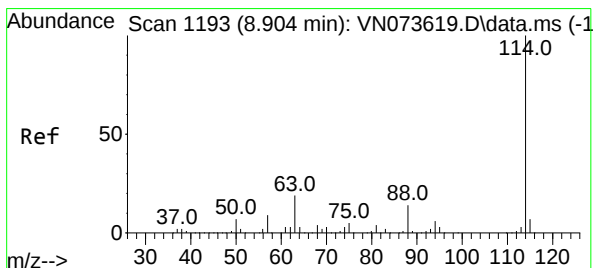
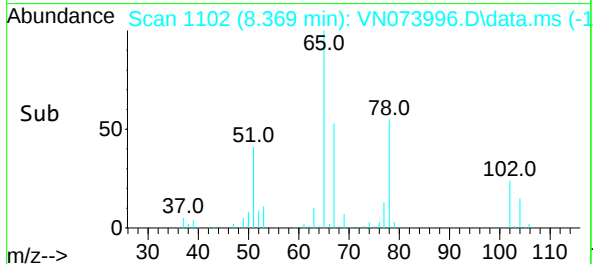
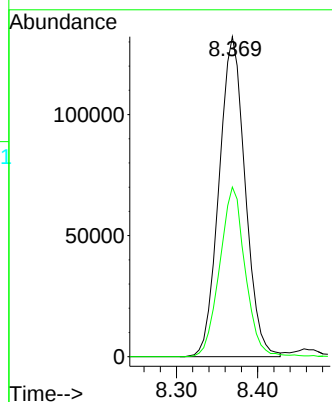
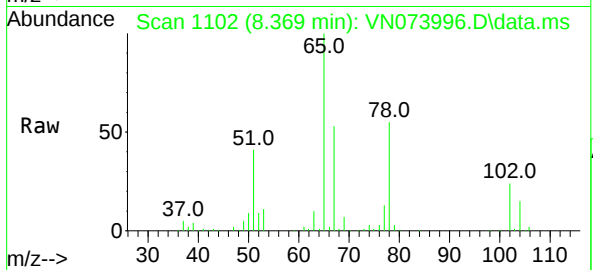




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.174 ug/l  
 RT: 8.369 min Scan# 1102  
 Delta R.T. -0.000 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

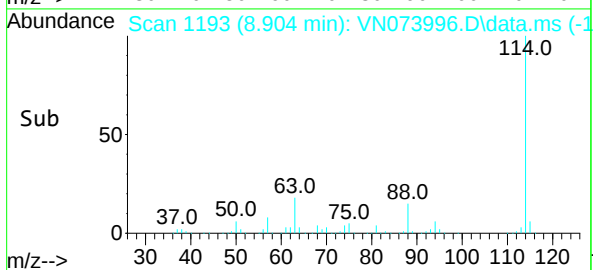
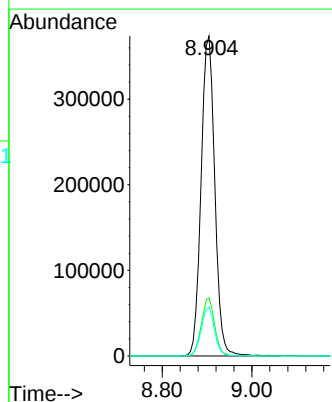
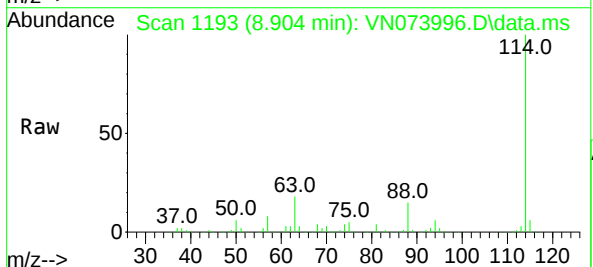
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0818WBSD01

Tgt Ion: 65 Resp: 295031  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.904 min Scan# 1193  
 Delta R.T. 0.000 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

Tgt Ion: 114 Resp: 791500  
 Ion Ratio Lower Upper  
 114 100  
 63 18.2 0.0 40.0  
 88 15.4 0.0 32.6

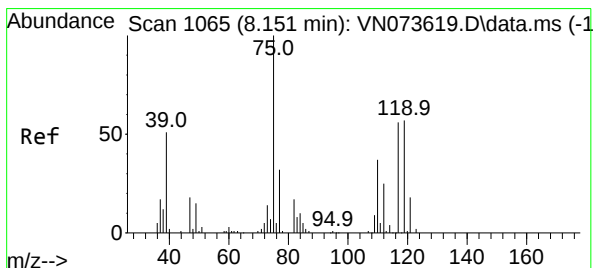
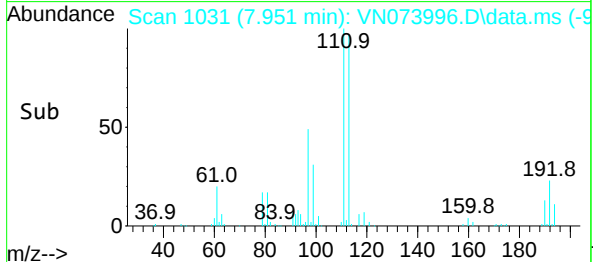
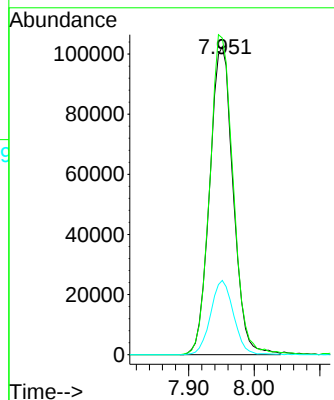
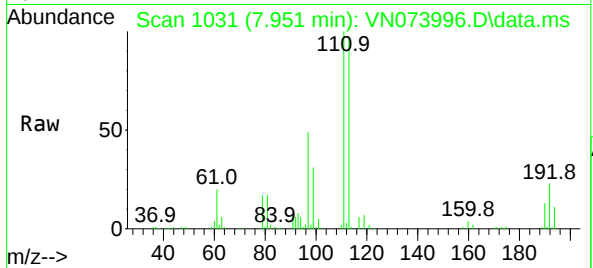




#35  
Dibromofluoromethane  
Concen: 54.509 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

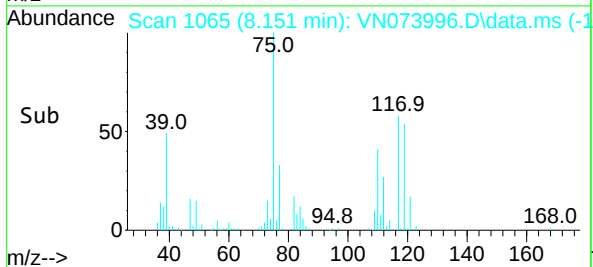
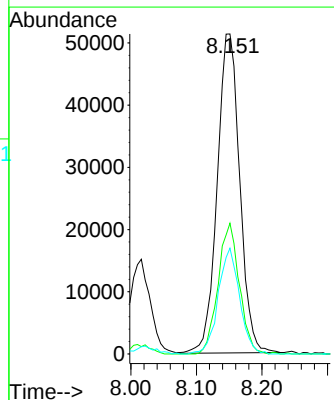
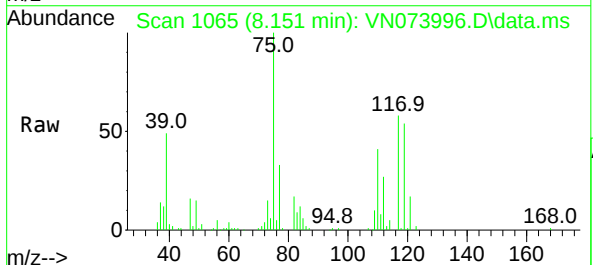
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

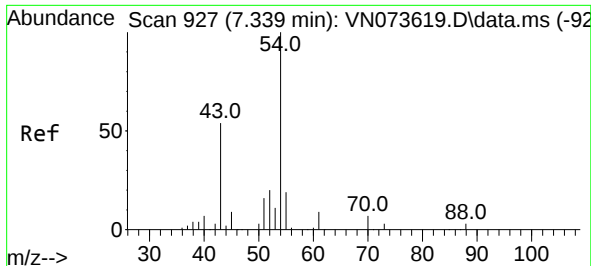
Tgt Ion:113 Resp: 255146  
Ion Ratio Lower Upper  
113 100  
111 103.7 81.4 122.0  
192 23.5 17.0 25.6



#36  
1,1-Dichloropropene  
Concen: 18.804 ug/l  
RT: 8.151 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 75 Resp: 122253  
Ion Ratio Lower Upper  
75 100  
110 38.7 18.3 54.8  
77 31.4 25.1 37.7



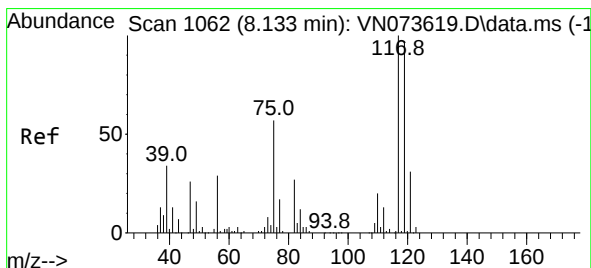
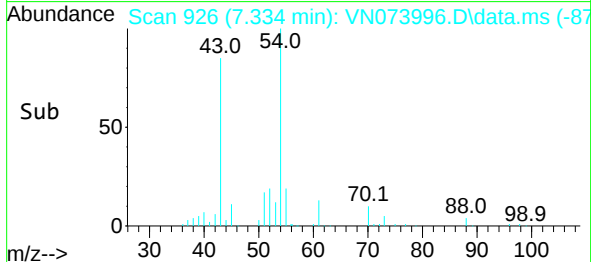
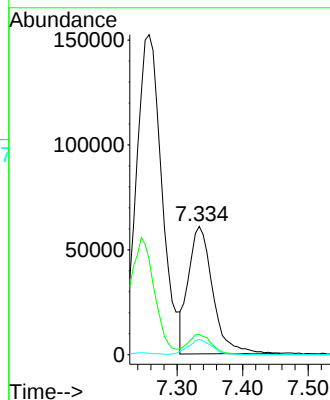
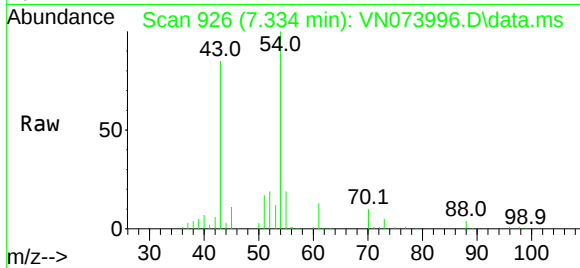


#37  
Ethyl Acetate  
Concen: 19.821 ug/l  
RT: 7.334 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

Tgt Ion: 43 Resp: 156121

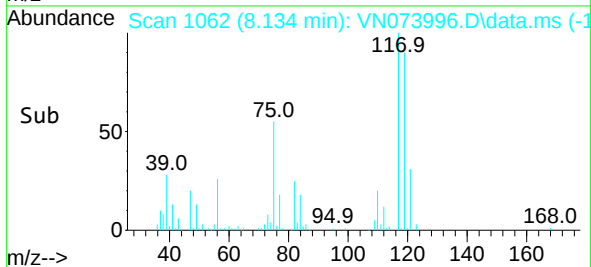
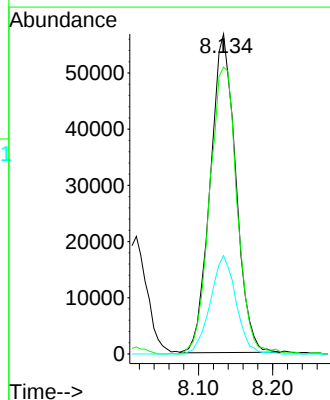
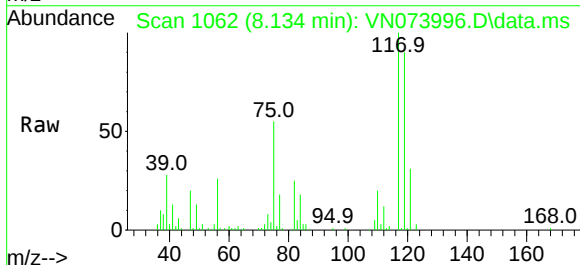
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.7  | 11.8  | 17.6  |
| 70  | 11.7  | 9.3   | 13.9  |



#38  
Carbon Tetrachloride  
Concen: 18.209 ug/l  
RT: 8.134 min Scan# 1062  
Delta R.T. 0.001 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 117 Resp: 135316

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 90.2  | 75.8  | 113.8 |
| 121 | 30.9  | 24.6  | 37.0  |





#39

Methylcyclohexane

Concen: 18.818 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0818WBSD01

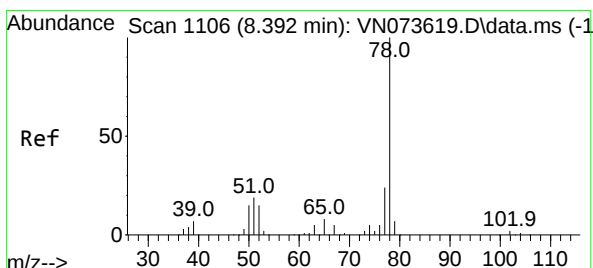
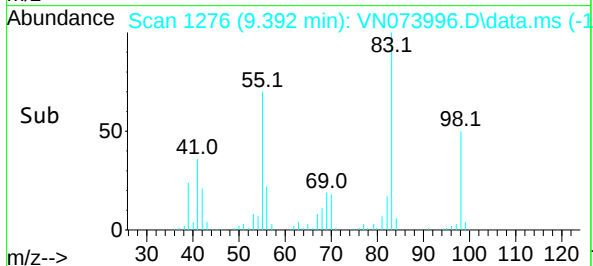
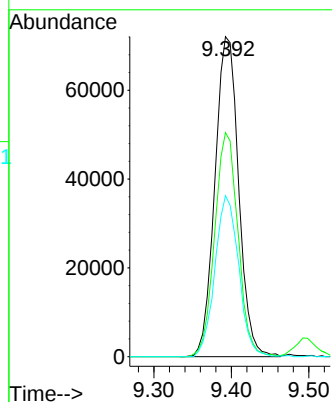
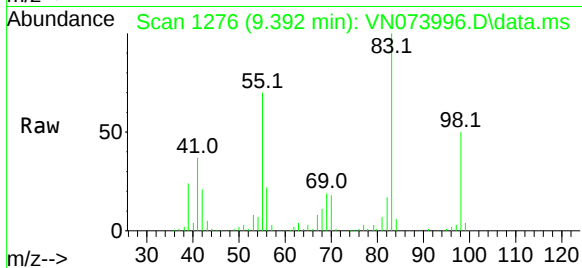
Tgt Ion: 83 Resp: 153300

Ion Ratio Lower Upper

83 100

55 70.0 57.8 86.8

98 50.3 39.4 59.2



#40

Benzene

Concen: 19.351 ug/l

RT: 8.387 min Scan# 1105

Delta R.T. -0.005 min

Lab File: VN073996.D

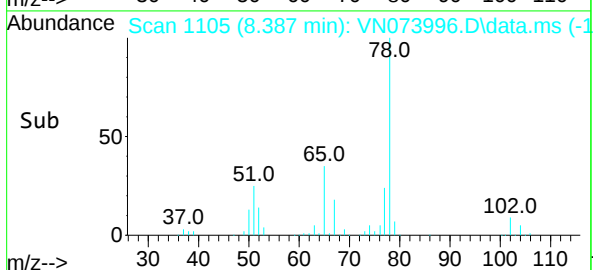
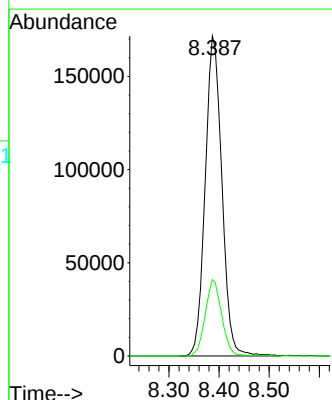
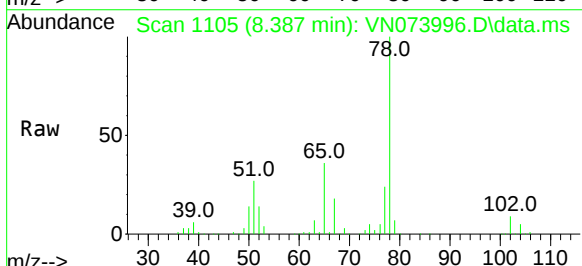
Acq: 18 Aug 2022 11:43

Tgt Ion: 78 Resp: 397079

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

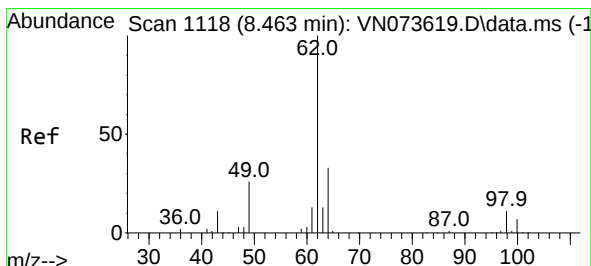
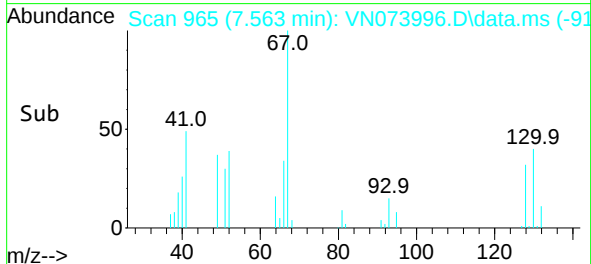
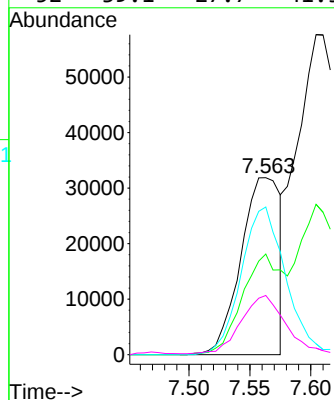
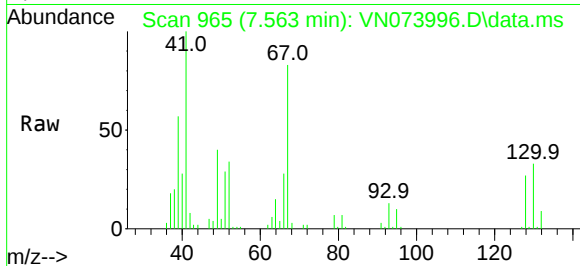




#41  
Methacrylonitrile  
Concen: 20.163 ug/l  
RT: 7.563 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

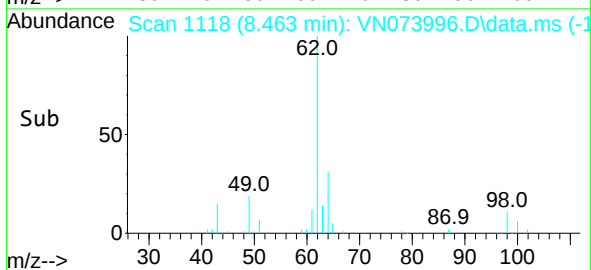
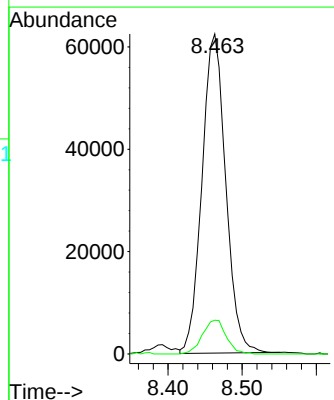
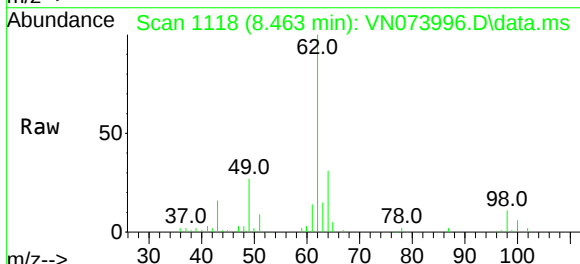
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

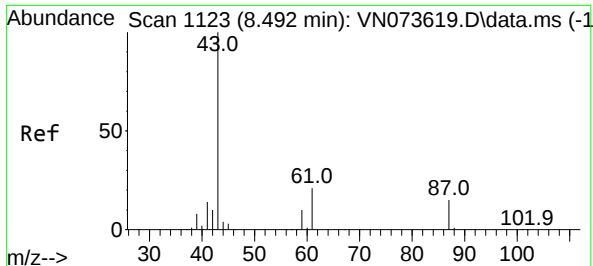
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 71770 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.3  | 48.6  | 73.0  |
| 67       | 96.0  | 73.4  | 110.2 |
| 52       | 39.1  | 27.7  | 41.5  |



#42  
1,2-Dichloroethane  
Concen: 19.658 ug/l  
RT: 8.463 min Scan# 1118  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 138700 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.7  | 0.0   | 19.4   |

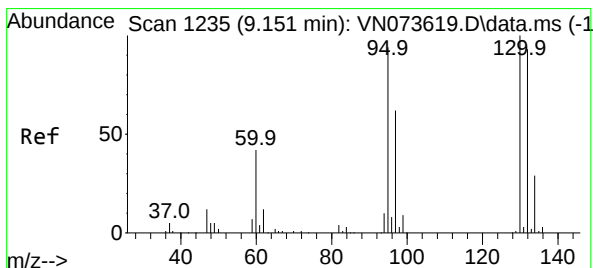
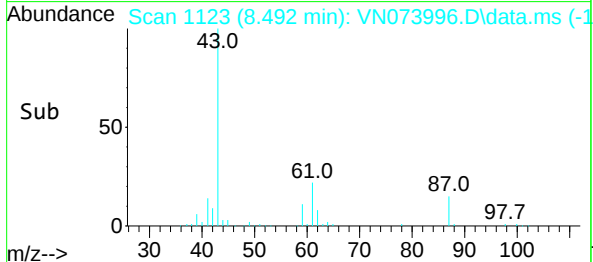
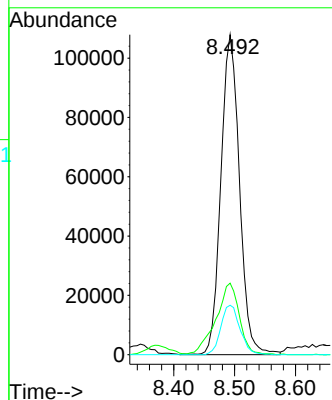
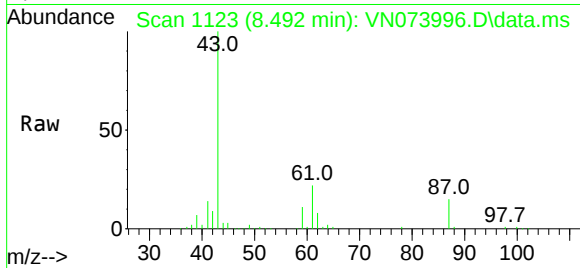




#43  
Isopropyl Acetate  
Concen: 20.410 ug/l  
RT: 8.492 min Scan# 1123  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

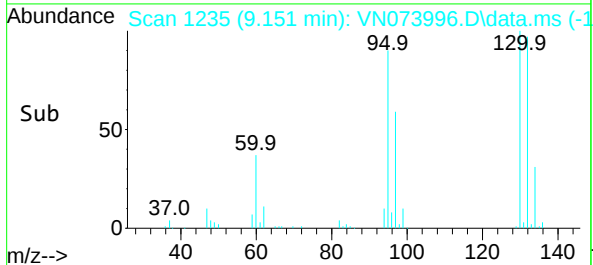
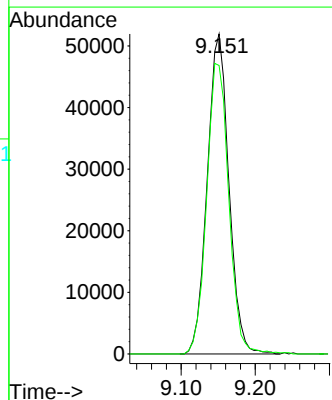
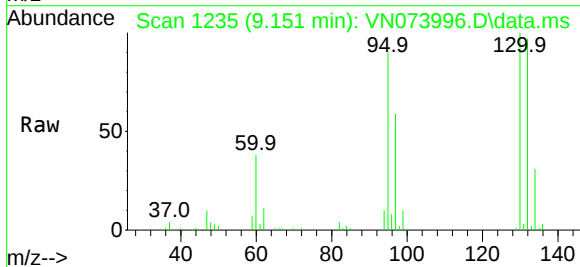
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

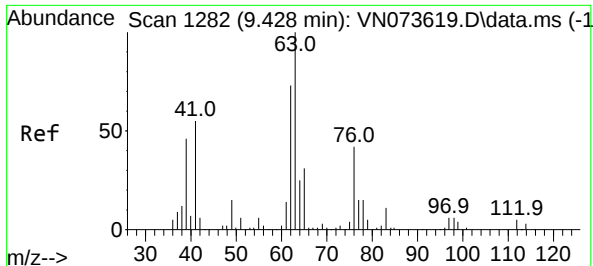
Tgt Ion: 43 Resp: 229013  
Ion Ratio Lower Upper  
43 100  
61 28.2 21.9 32.9  
87 15.9 12.0 18.0



#44  
Trichloroethene  
Concen: 17.795 ug/l  
RT: 9.151 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 130 Resp: 105464  
Ion Ratio Lower Upper  
130 100  
95 90.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 20.356 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

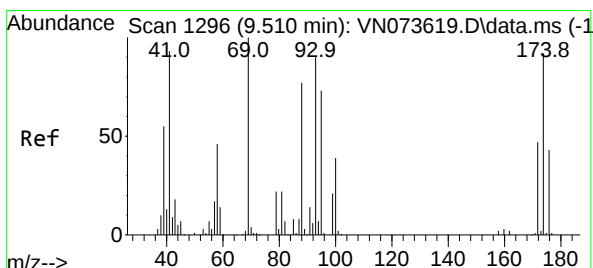
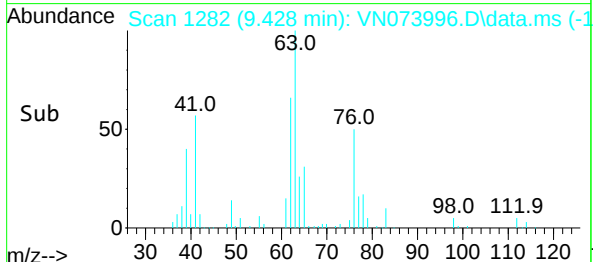
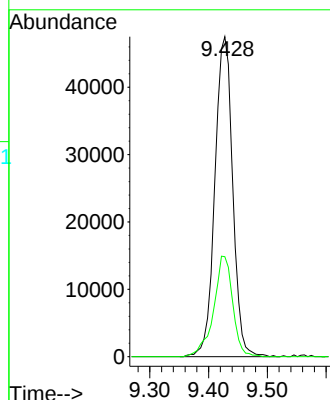
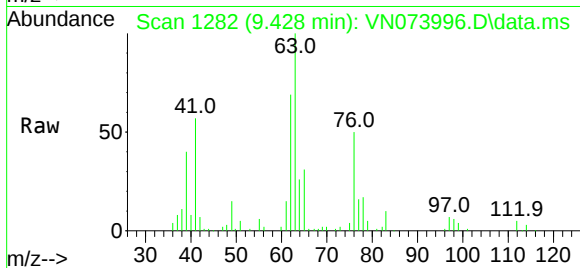
VN0818WBSD01

Tgt Ion: 63 Resp: 100121

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3



#46

Dibromomethane

Concen: 19.613 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

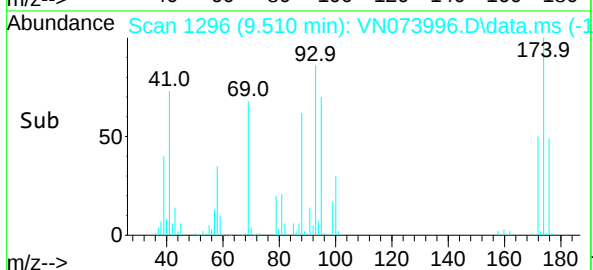
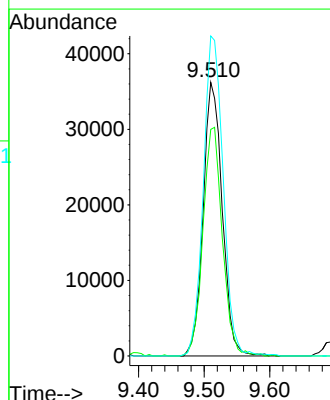
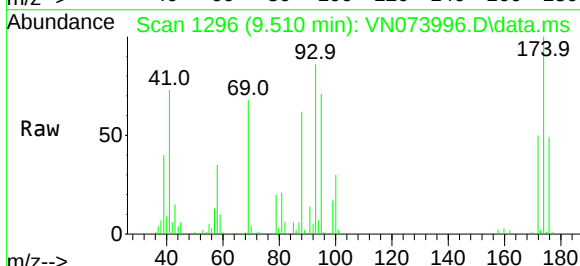
Tgt Ion: 93 Resp: 73338

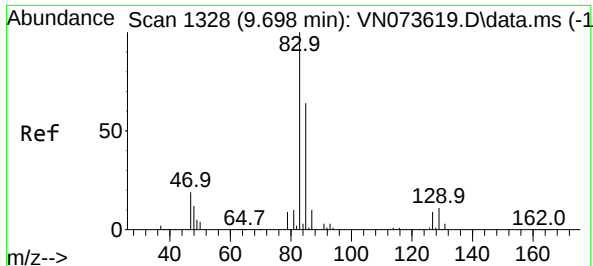
Ion Ratio Lower Upper

93 100

95 85.0 66.9 100.3

174 122.0 86.6 130.0

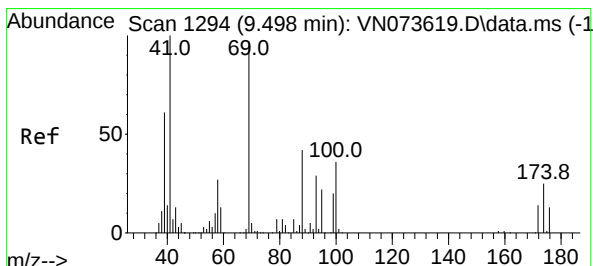
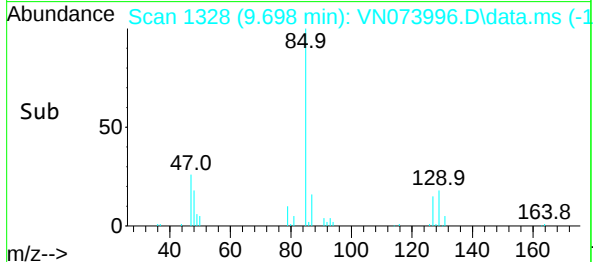
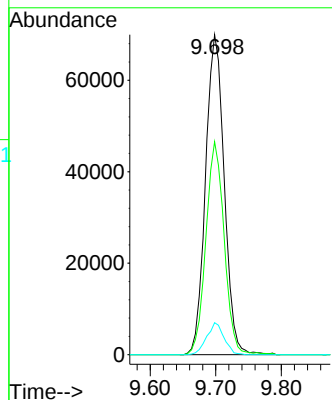
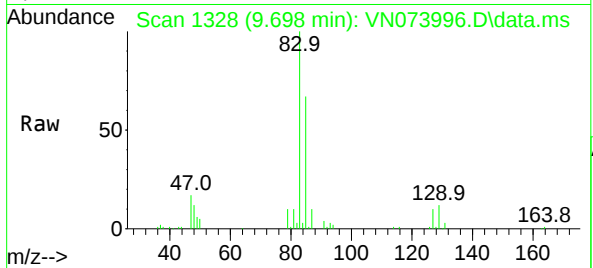




#47  
Bromodichloromethane  
Concen: 19.442 ug/l  
RT: 9.698 min Scan# 1328  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

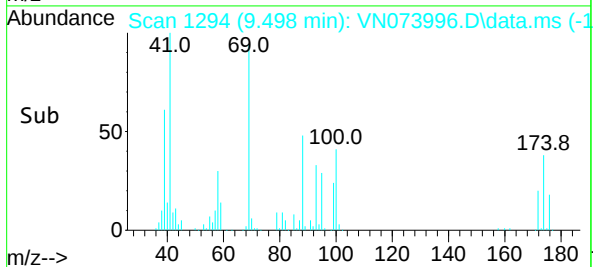
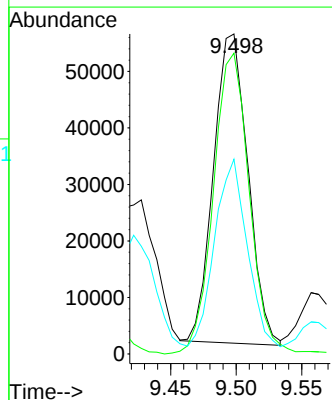
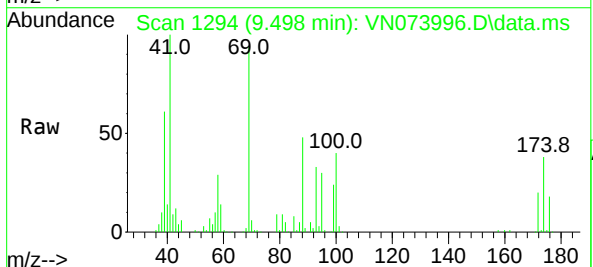
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

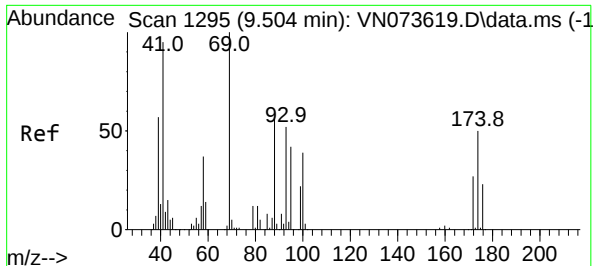
Tgt Ion: 83 Resp: 138951  
Ion Ratio Lower Upper  
83 100  
85 66.6 50.5 75.7  
127 10.0 6.8 10.2



#48  
Methyl methacrylate  
Concen: 20.785 ug/l  
RT: 9.498 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 41 Resp: 99794  
Ion Ratio Lower Upper  
41 100  
69 102.1 74.7 112.1  
39 58.0 45.6 68.4





#49

1,4-Dioxane

Concen: 408.052 ug/l

RT: 9.504 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0818WBSD01

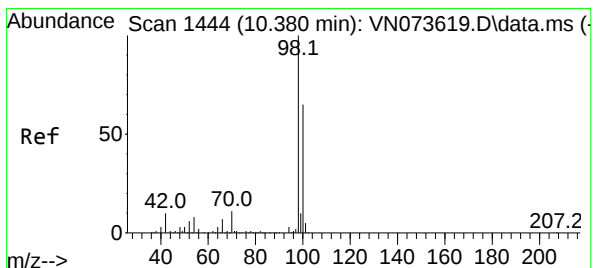
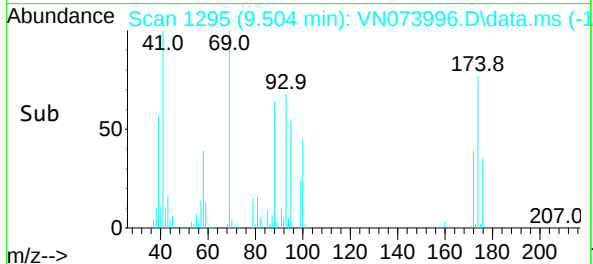
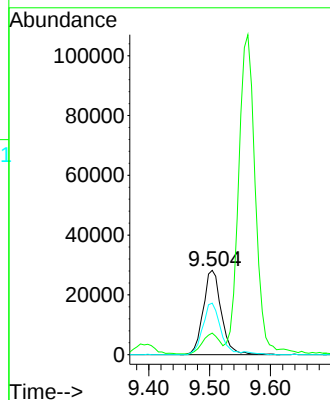
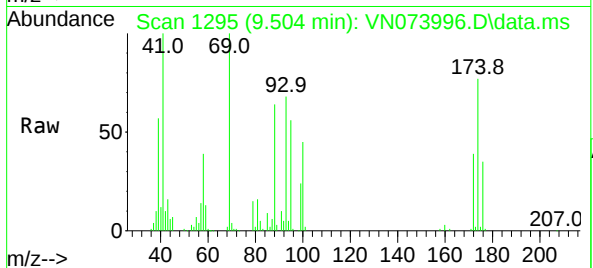
Tgt Ion: 88 Resp: 58261

Ion Ratio Lower Upper

88 100

43 23.0 20.2 30.4

58 59.5 54.2 81.4



#50

Toluene-d8

Concen: 53.129 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.001 min

Lab File: VN073996.D

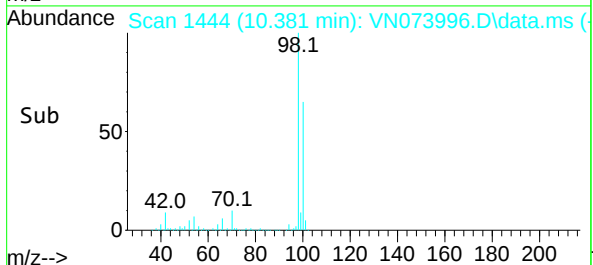
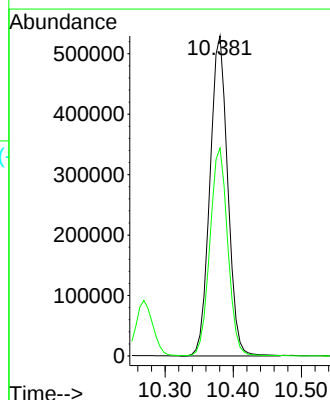
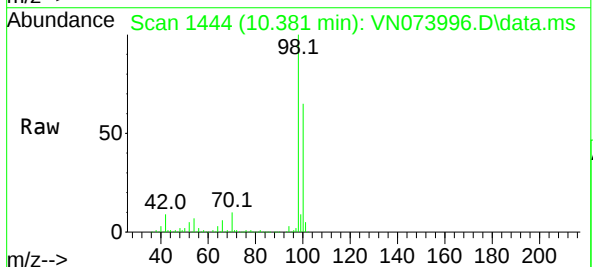
Acq: 18 Aug 2022 11:43

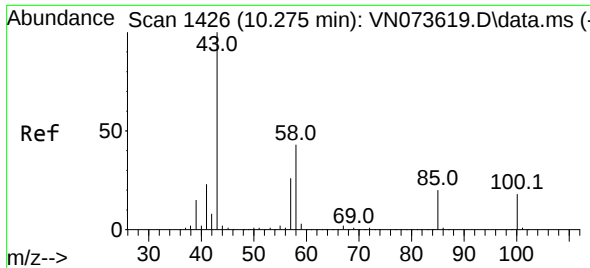
Tgt Ion: 98 Resp: 963154

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

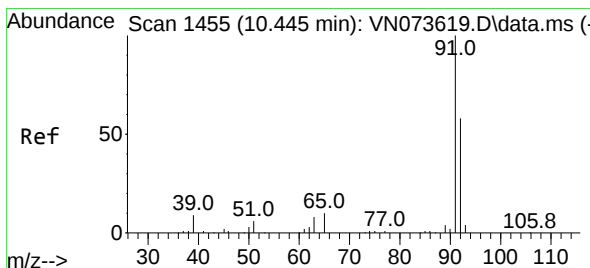
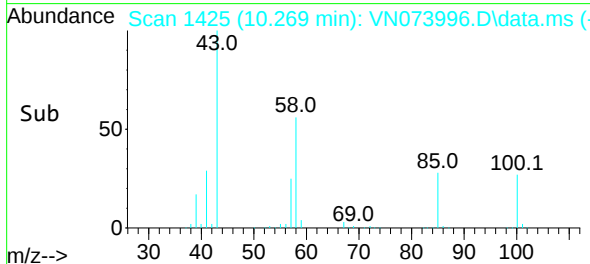
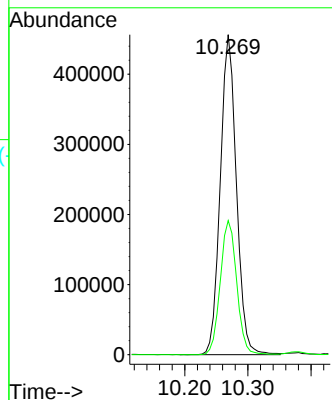
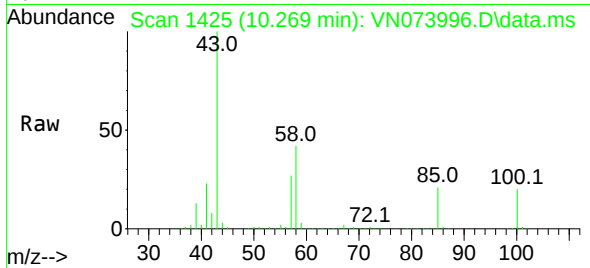




#51  
4-Methyl-2-Pentanone  
Concen: 106.815 ug/l  
RT: 10.269 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

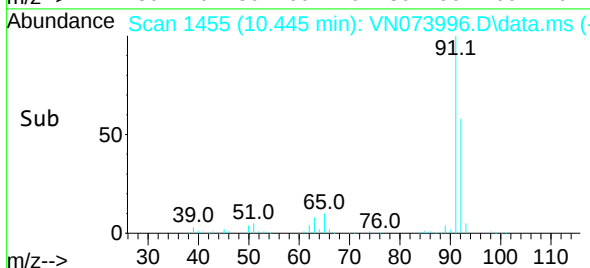
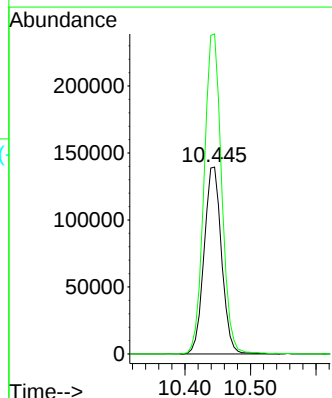
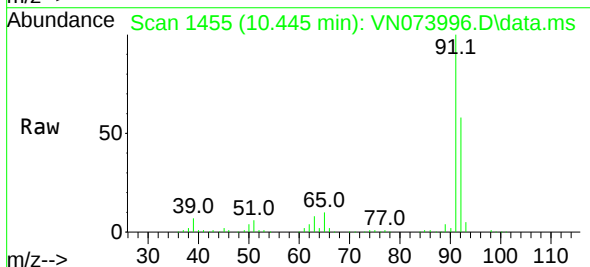
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

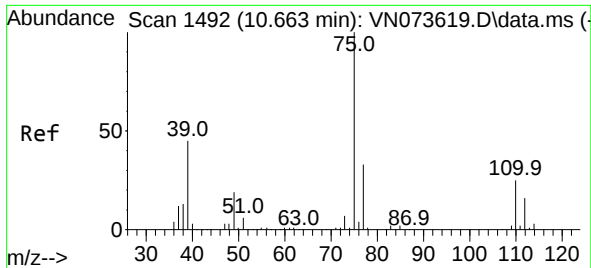
Tgt Ion: 43 Resp: 810341  
Ion Ratio Lower Upper  
43 100  
58 42.7 34.1 51.1



#52  
Toluene  
Concen: 18.363 ug/l  
RT: 10.445 min Scan# 1455  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 92 Resp: 258383  
Ion Ratio Lower Upper  
92 100  
91 172.6 138.6 207.8

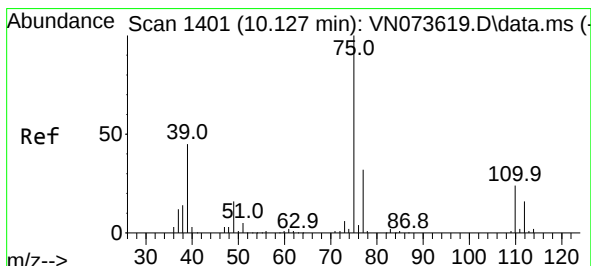
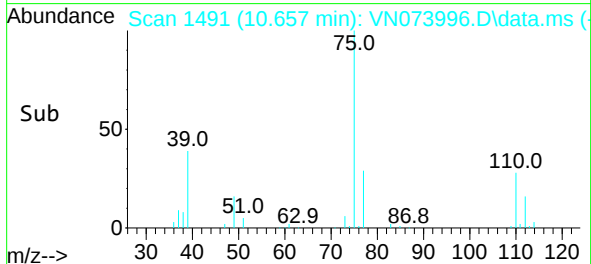
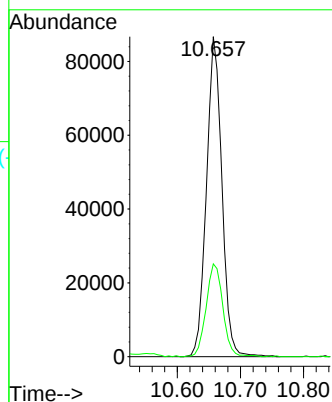
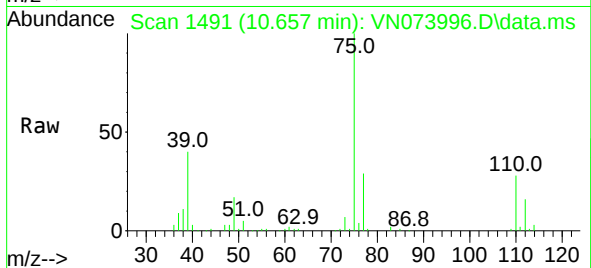




#53  
 t-1,3-Dichloropropene  
 Concen: 19.663 ug/l  
 RT: 10.657 min Scan# 1491  
 Delta R.T. -0.006 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

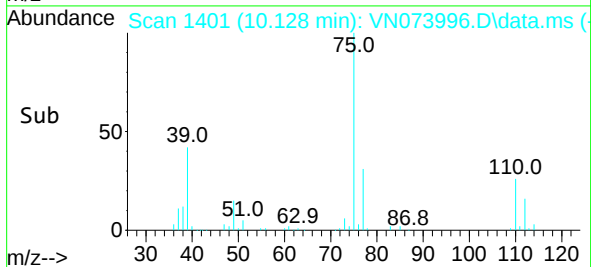
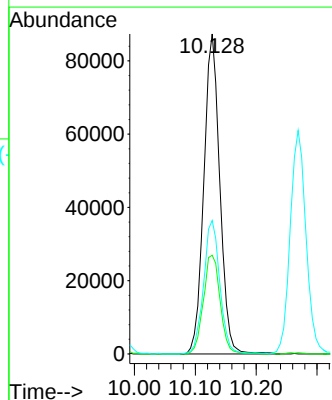
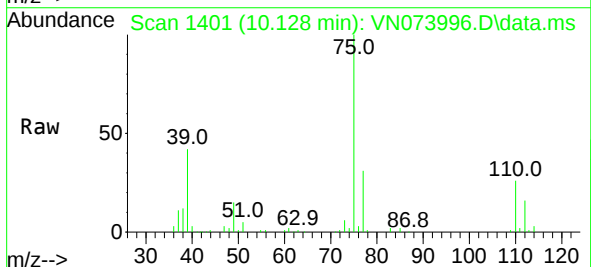
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0818WBSD01

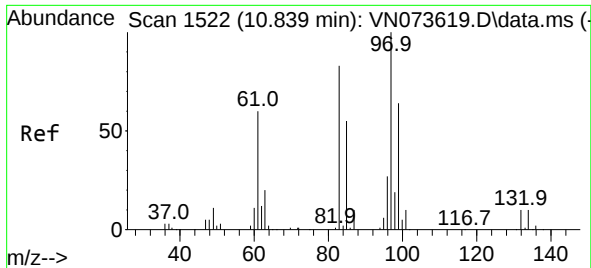
Tgt Ion: 75 Resp: 147467  
 Ion Ratio Lower Upper  
 75 100  
 77 29.0 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.424 ug/l  
 RT: 10.128 min Scan# 1401  
 Delta R.T. 0.001 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

Tgt Ion: 75 Resp: 159389  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.2 37.8  
 39 41.7 35.7 53.5

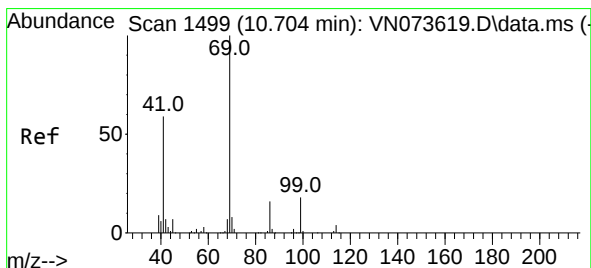
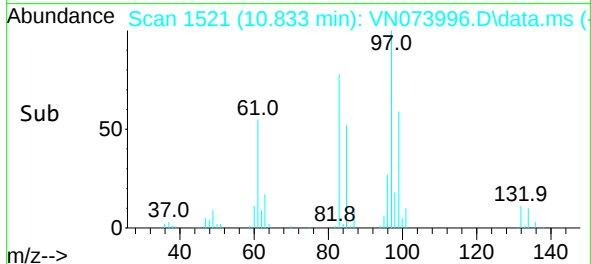
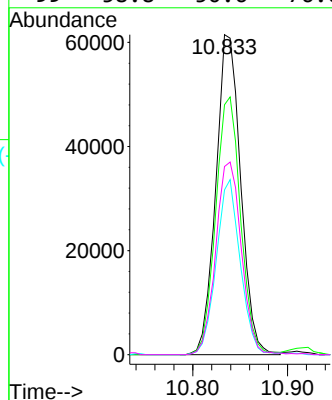
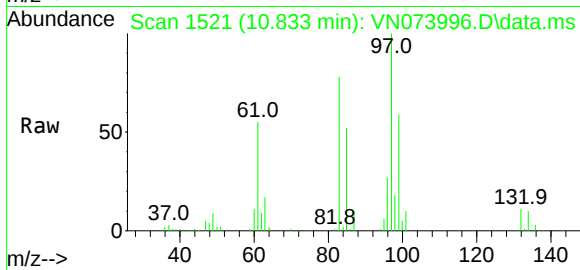




#55  
1,1,2-Trichloroethane  
Concen: 20.479 ug/l  
RT: 10.833 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

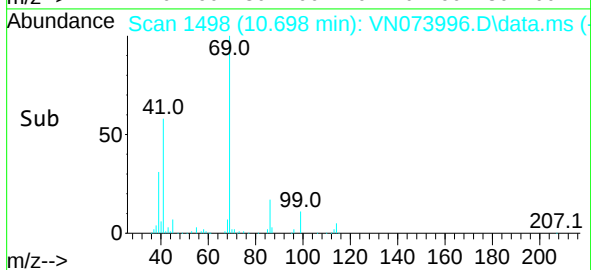
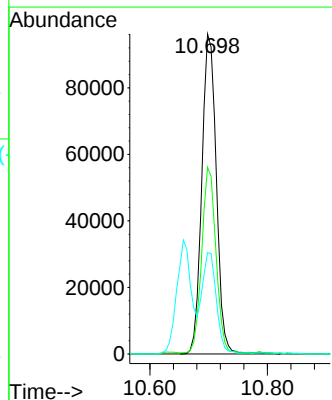
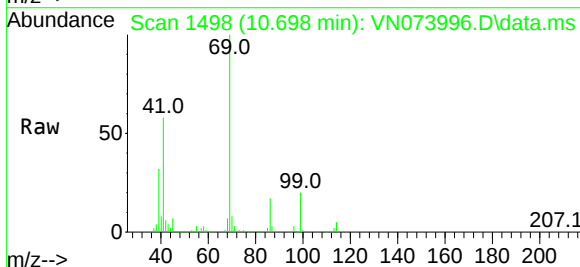
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 112092 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 78.1  | 66.2  | 99.4   |
| 85       | 51.5  | 43.9  | 65.9   |
| 99       | 58.8  | 50.6  | 76.0   |



#56  
Ethyl methacrylate  
Concen: 21.079 ug/l  
RT: 10.698 min Scan# 1498  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 164554 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 56.8  | 47.8  | 71.6   |
| 39       | 30.7  | 27.3  | 40.9   |





#57

1,3-Dichloropropane

Concen: 20.407 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. -0.006 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

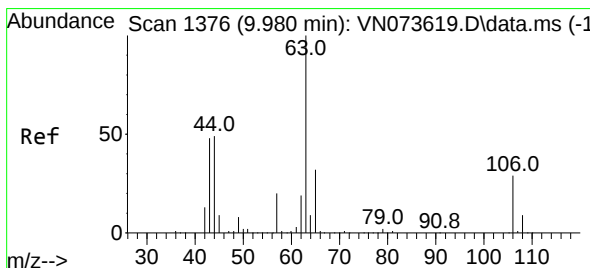
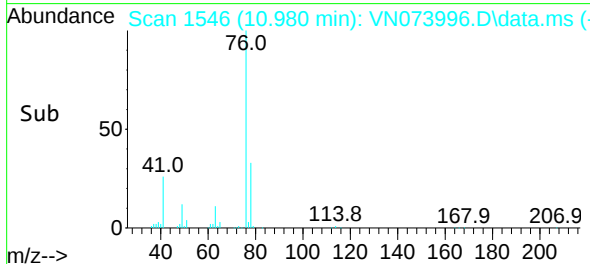
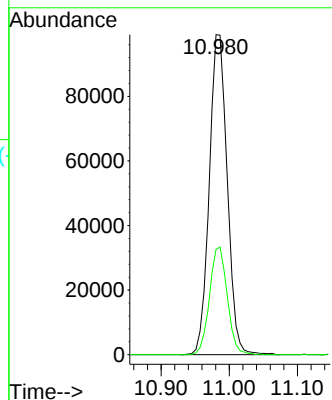
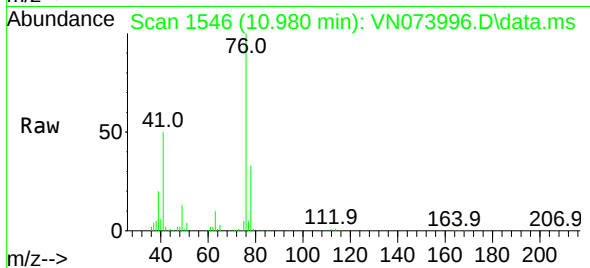
VN0818WBSD01

Tgt Ion: 76 Resp: 181614

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 105.893 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.001 min

Lab File: VN073996.D

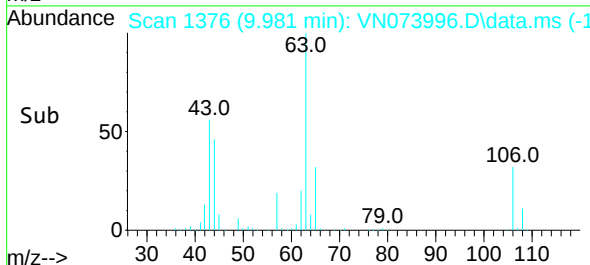
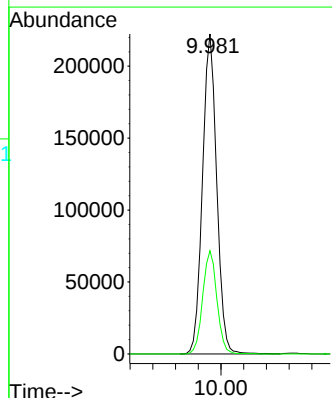
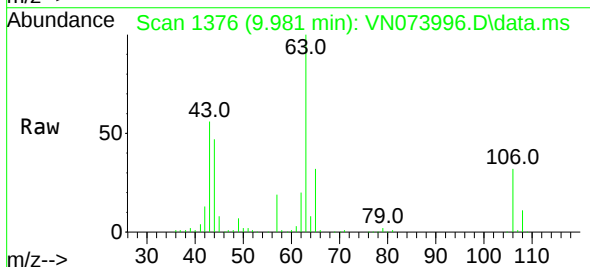
Acq: 18 Aug 2022 11:43

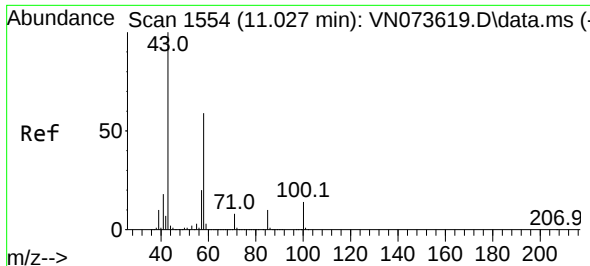
Tgt Ion: 63 Resp: 385814

Ion Ratio Lower Upper

63 100

106 32.2 24.6 36.8

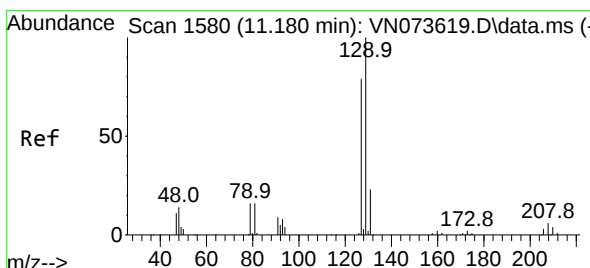
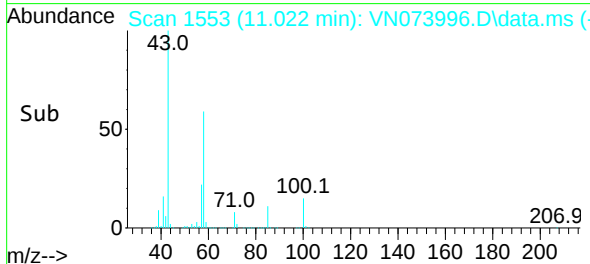
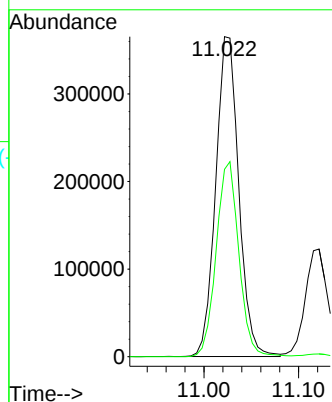
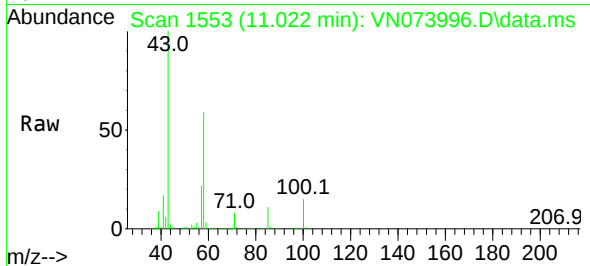




#59  
2-Hexanone  
Concen: 106.081 ug/l  
RT: 11.022 min Scan# 1553  
Delta R.T. -0.005 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

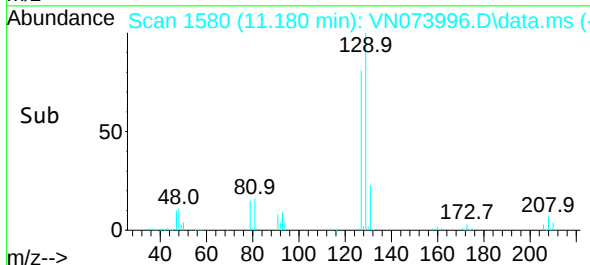
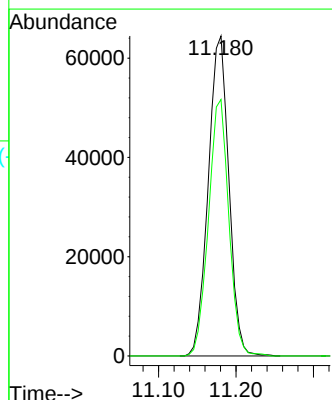
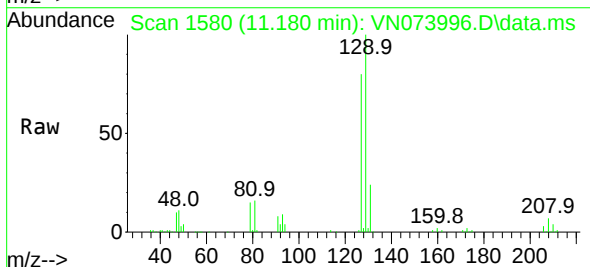
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

Tgt Ion: 43 Resp: 619359  
Ion Ratio Lower Upper  
43 100  
58 59.9 29.7 89.1



#60  
Dibromochloromethane  
Concen: 19.655 ug/l  
RT: 11.180 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 129 Resp: 118967  
Ion Ratio Lower Upper  
129 100  
127 79.2 38.8 116.4

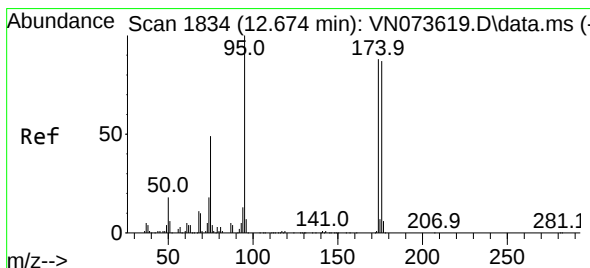
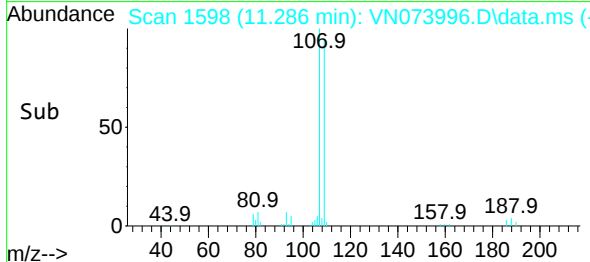
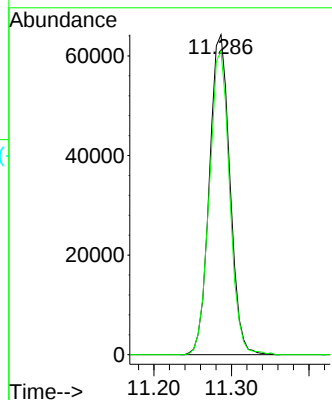
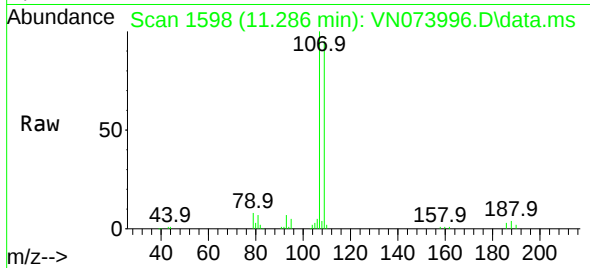




#61  
1,2-Dibromoethane  
Concen: 20.178 ug/l  
RT: 11.286 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

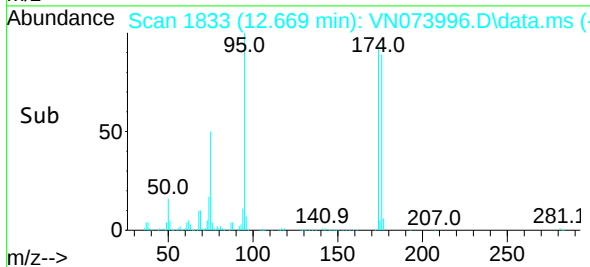
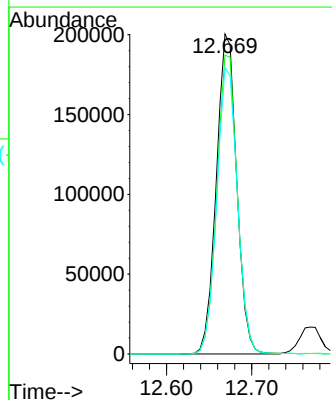
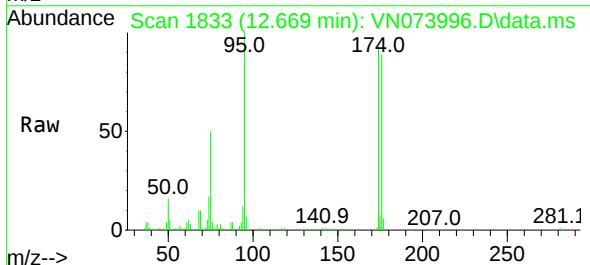
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

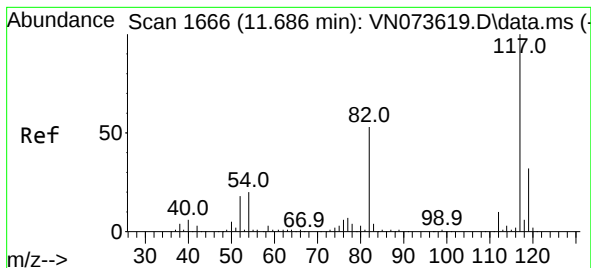
Tgt Ion:107 Resp: 118128  
Ion Ratio Lower Upper  
107 100  
109 93.9 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 55.397 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.005 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 95 Resp: 333298  
Ion Ratio Lower Upper  
95 100  
174 94.4 0.0 167.6  
176 90.6 0.0 163.4

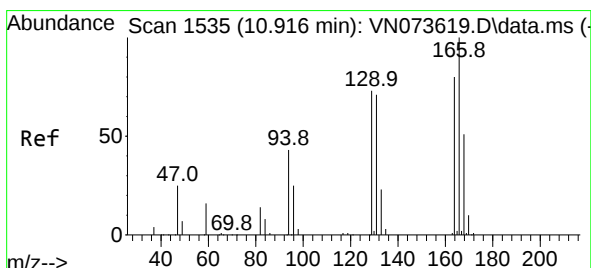
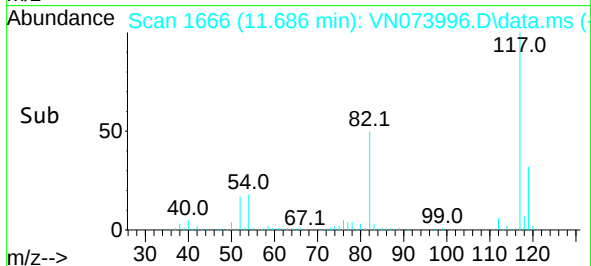
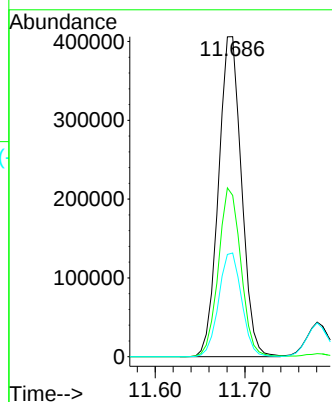
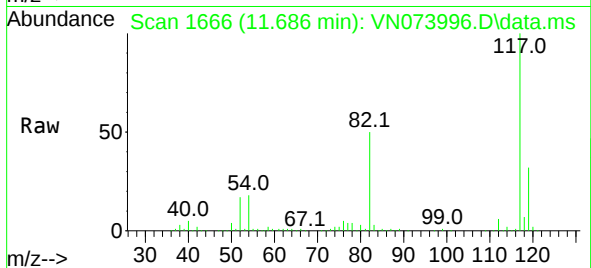




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

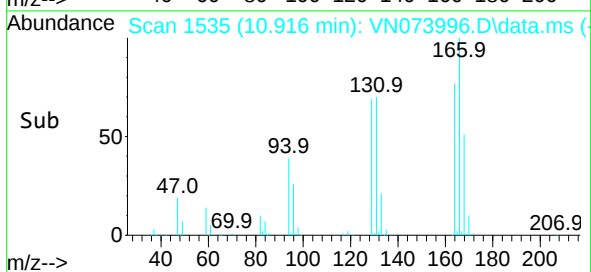
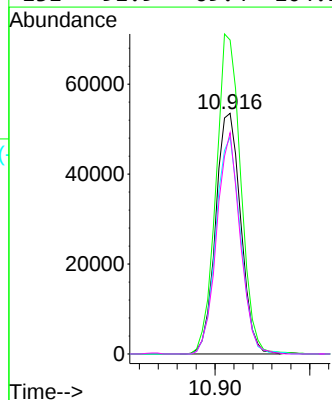
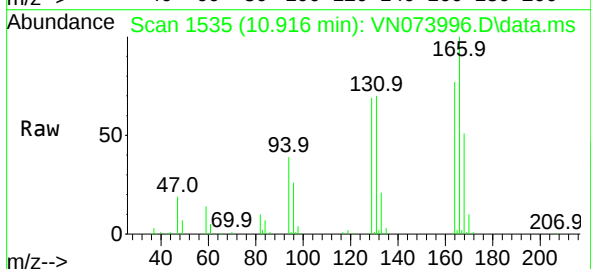
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

Tgt Ion:117 Resp: 723205  
Ion Ratio Lower Upper  
117 100  
82 50.4 44.2 66.2  
119 32.4 25.4 38.0



#64  
Tetrachloroethene  
Concen: 17.206 ug/l  
RT: 10.916 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion:164 Resp: 98215  
Ion Ratio Lower Upper  
164 100  
166 130.4 104.2 156.2  
129 90.1 73.9 110.9  
131 91.9 69.4 104.2

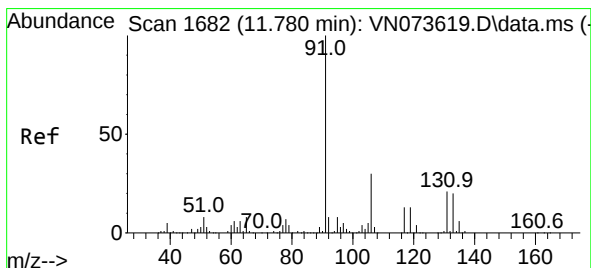
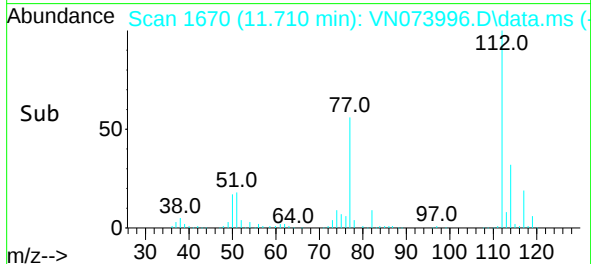
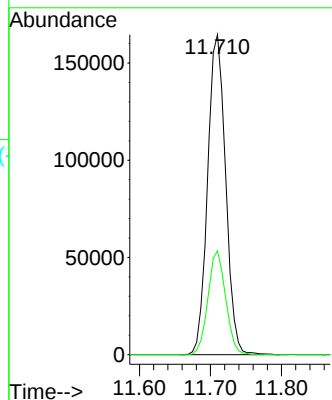
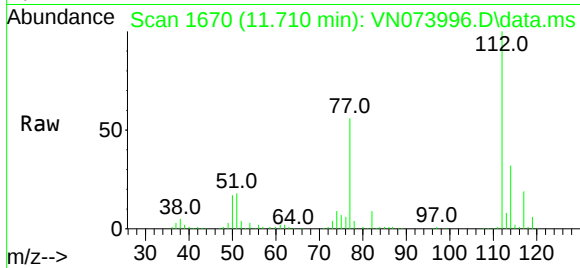




#65  
Chlorobenzene  
Concen: 18.852 ug/l  
RT: 11.710 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

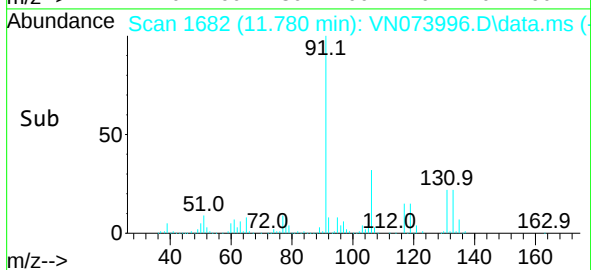
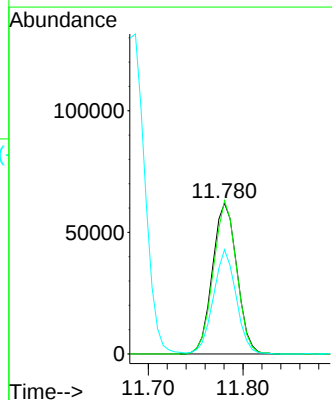
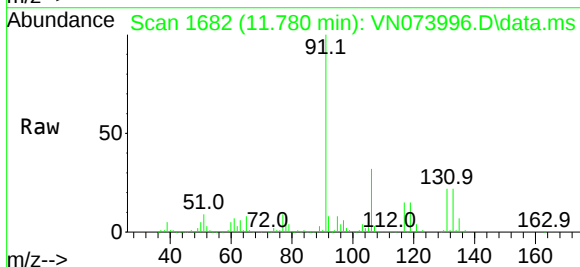
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

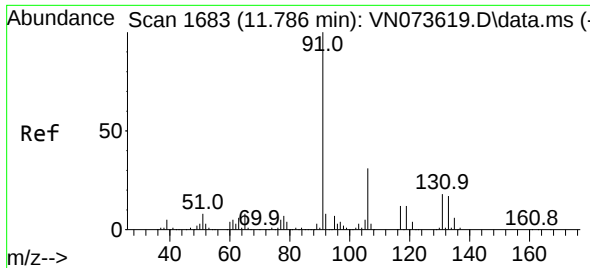
Tgt Ion:112 Resp: 289748  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.045 ug/l  
RT: 11.780 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion:131 Resp: 110845  
Ion Ratio Lower Upper  
131 100  
133 97.0 47.8 143.4  
119 64.6 33.4 100.2

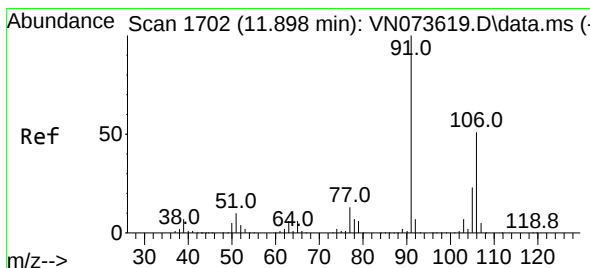
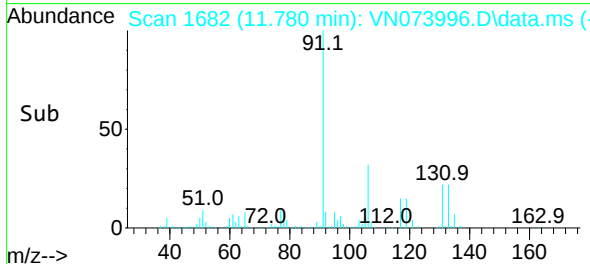
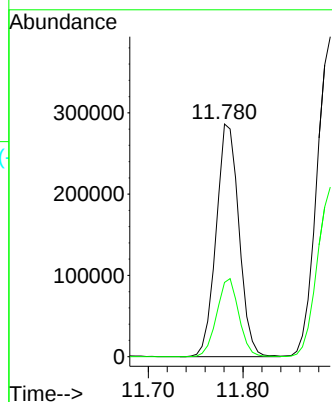
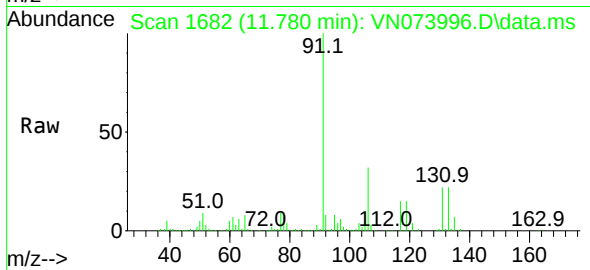




#67  
Ethyl Benzene  
Concen: 18.727 ug/l  
RT: 11.780 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

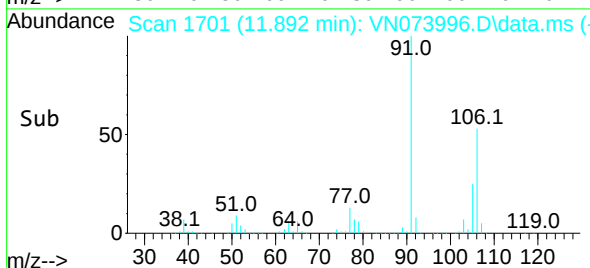
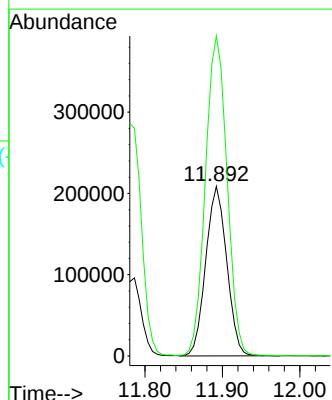
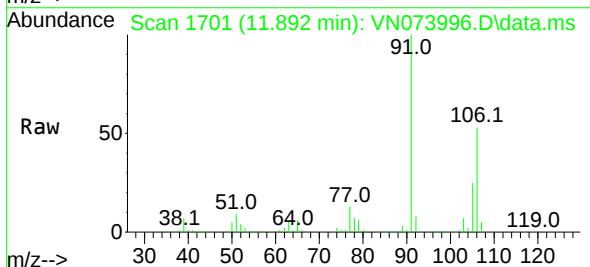
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

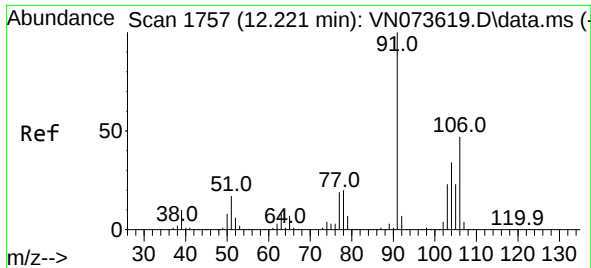
Tgt Ion: 91 Resp: 478670  
Ion Ratio Lower Upper  
91 100  
106 32.0 24.9 37.3



#68  
m/p-Xylenes  
Concen: 37.761 ug/l  
RT: 11.892 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 106 Resp: 392169  
Ion Ratio Lower Upper  
106 100  
91 194.5 158.9 238.3

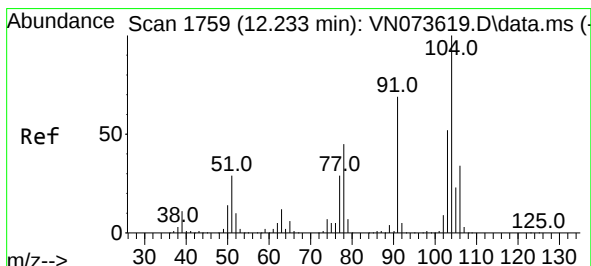
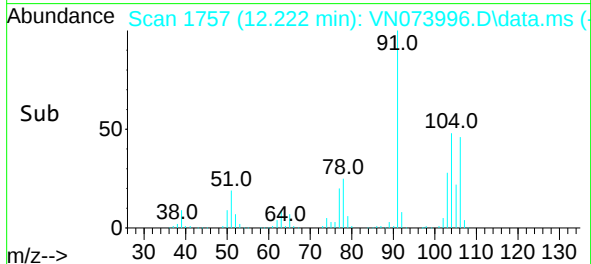
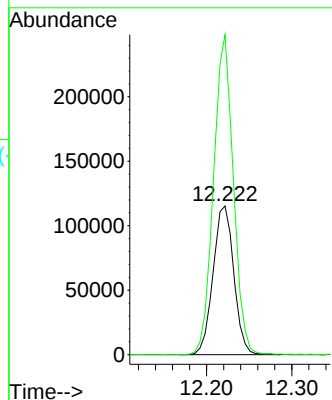
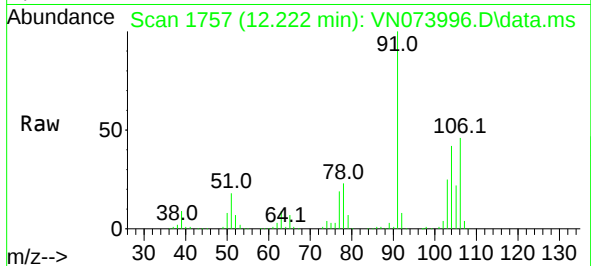




#69  
o-Xylene  
Concen: 18.673 ug/l  
RT: 12.222 min Scan# 1757  
Delta R.T. 0.001 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

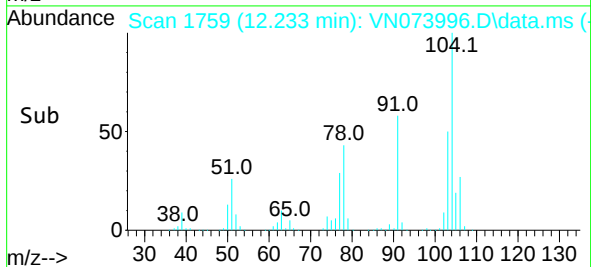
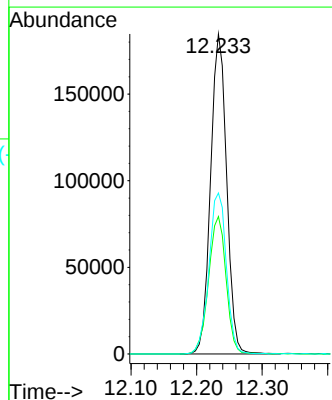
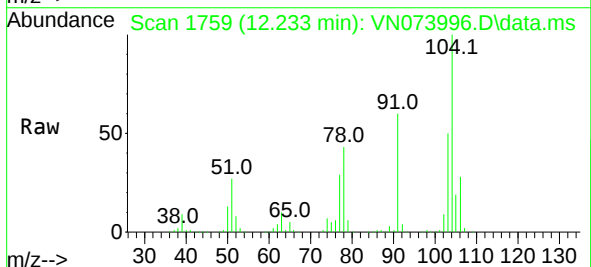
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

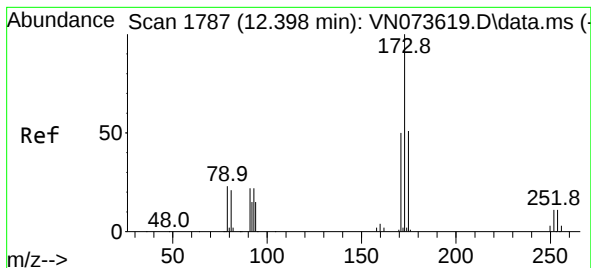
Tgt Ion:106 Resp: 194478  
Ion Ratio Lower Upper  
106 100  
91 206.6 106.0 318.0



#70  
Styrene  
Concen: 19.323 ug/l  
RT: 12.233 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion:104 Resp: 315059  
Ion Ratio Lower Upper  
104 100  
78 46.7 39.5 59.3  
103 54.8 44.0 66.0





#71

Bromoform

Concen: 18.422 ug/l

RT: 12.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0818WBSD01

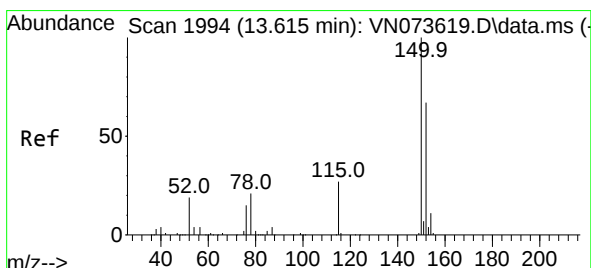
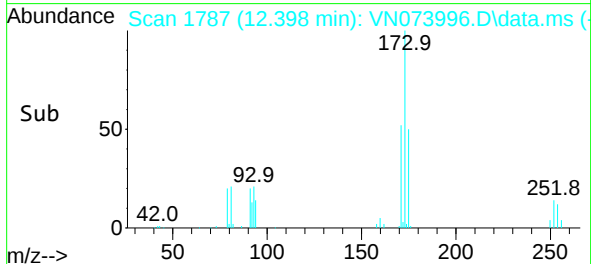
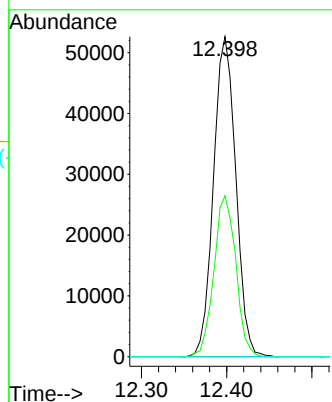
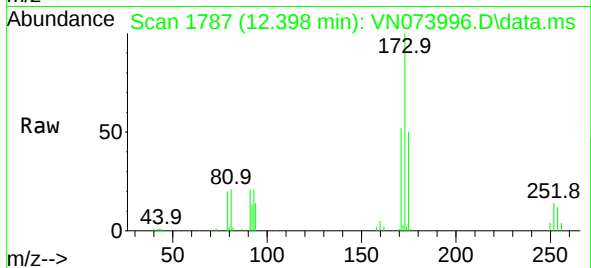
Tgt Ion:173 Resp: 95726

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

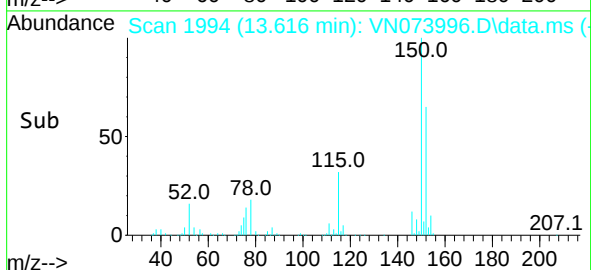
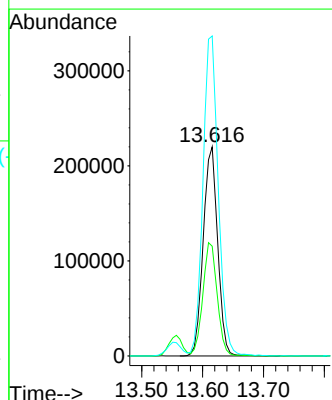
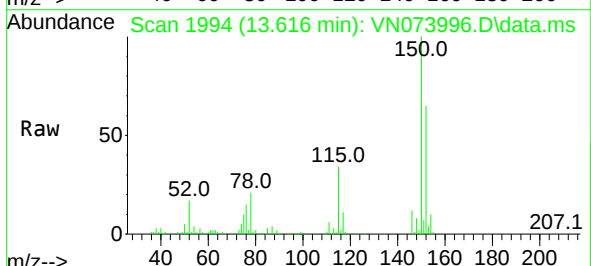
Tgt Ion:152 Resp: 363095

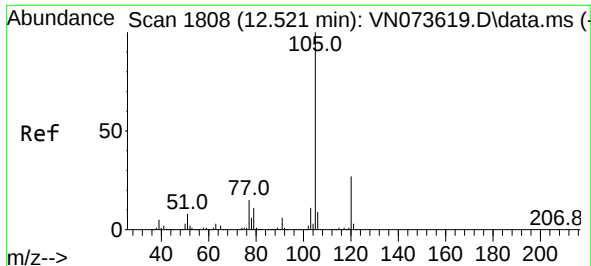
Ion Ratio Lower Upper

152 100

115 54.1 28.9 86.7

150 162.0 0.0 356.2

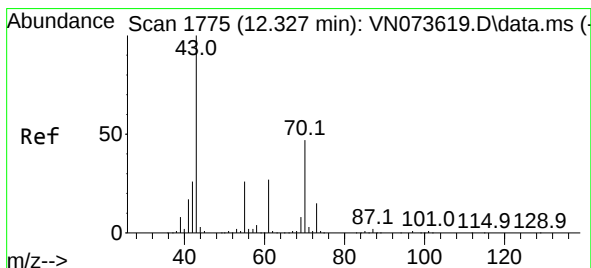
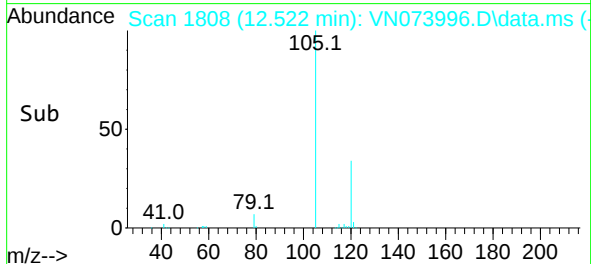
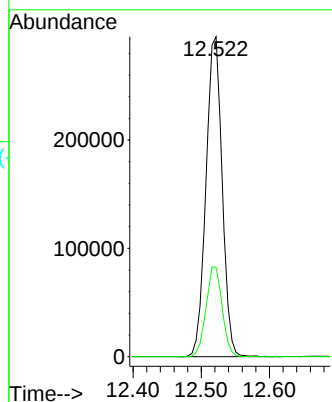
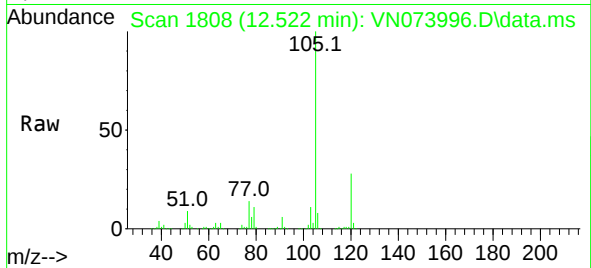




#73  
Isopropylbenzene  
Concen: 18.432 ug/l  
RT: 12.522 min Scan# 1808  
Delta R.T. 0.001 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

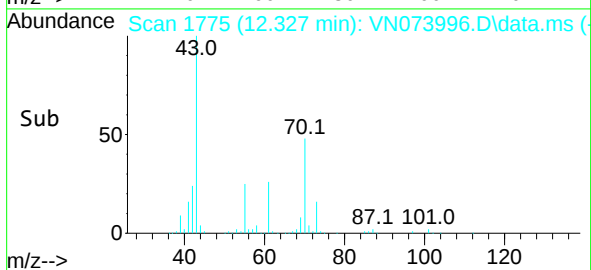
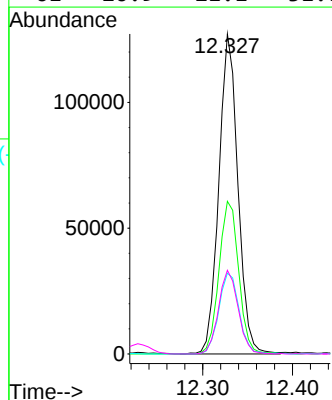
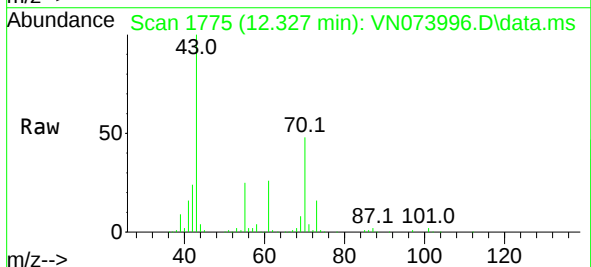
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

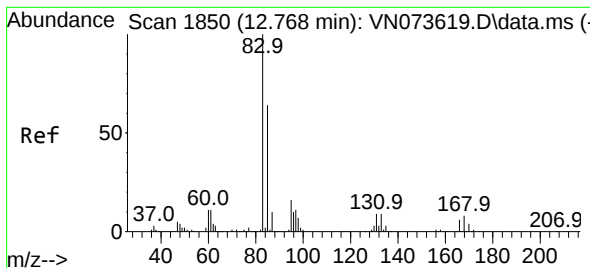
Tgt Ion:105 Resp: 487328  
Ion Ratio Lower Upper  
105 100  
120 28.1 13.5 40.4



#74  
N-ethyl acetate  
Concen: 18.788 ug/l  
RT: 12.327 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 43 Resp: 187788  
Ion Ratio Lower Upper  
43 100  
70 49.4 39.0 58.4  
55 26.9 21.1 31.7  
61 26.9 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.893 ug/l

RT: 12.769 min Scan# 1850

Delta R.T. 0.001 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0818WBSD01

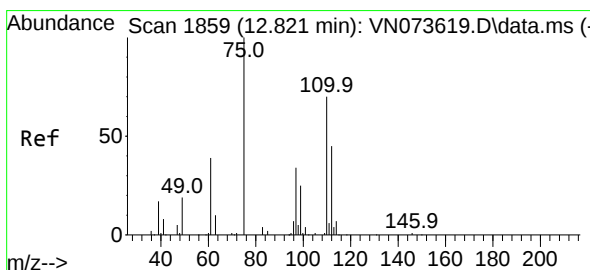
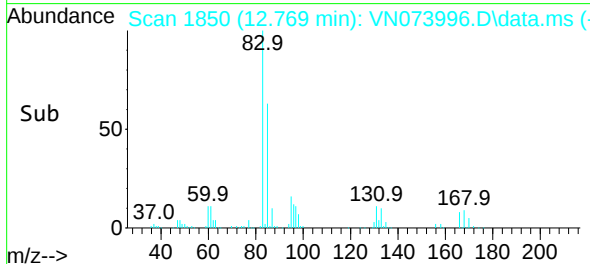
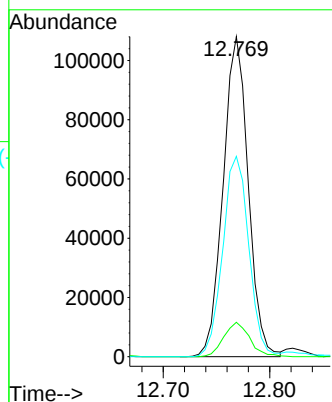
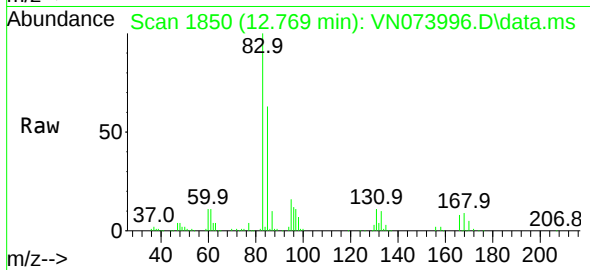
Tgt Ion: 83 Resp: 176497

Ion Ratio Lower Upper

83 100

131 11.1 5.3 15.9

85 65.1 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 28.689 ug/l

RT: 12.822 min Scan# 1859

Delta R.T. 0.001 min

Lab File: VN073996.D

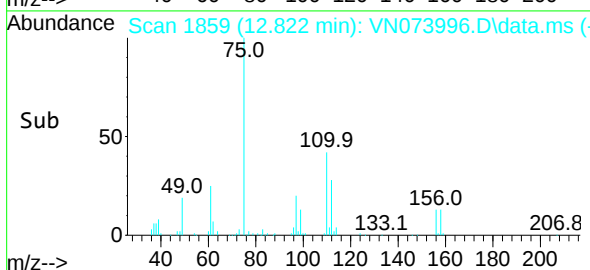
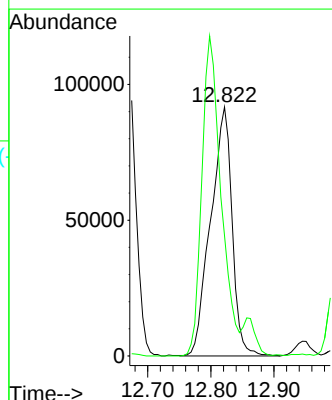
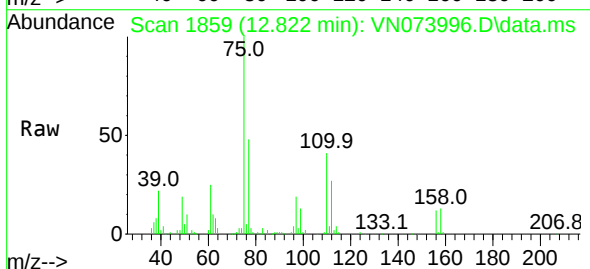
Acq: 18 Aug 2022 11:43

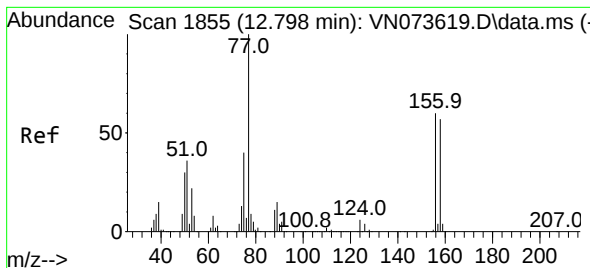
Tgt Ion: 75 Resp: 216509

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 18.497 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0818WBSD01

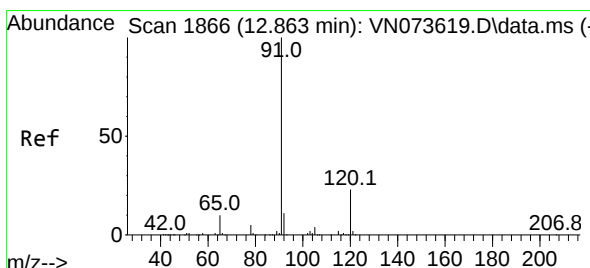
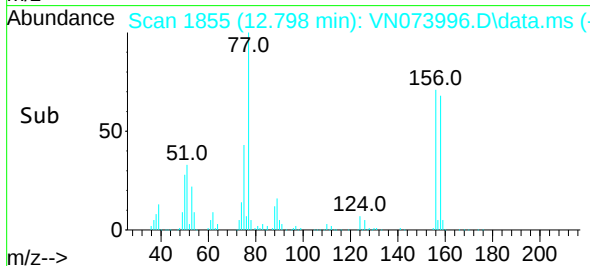
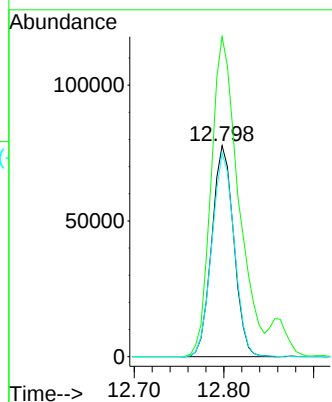
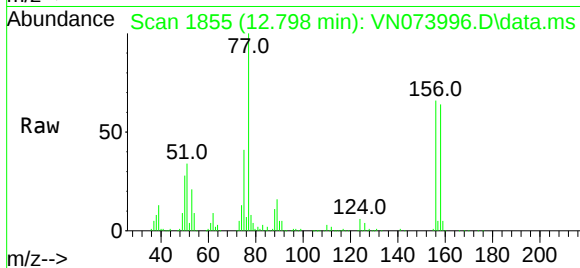
Tgt Ion:156 Resp: 132374

Ion Ratio Lower Upper

156 100

77 188.1 100.5 301.5

158 98.2 48.9 146.6



#78

n-propylbenzene

Concen: 19.418 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN073996.D

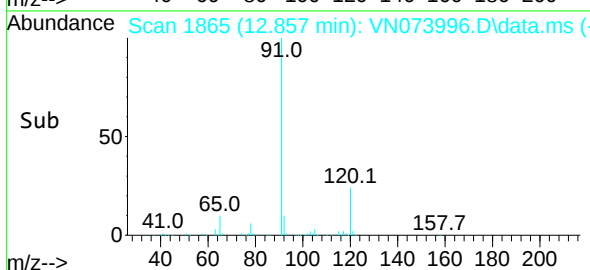
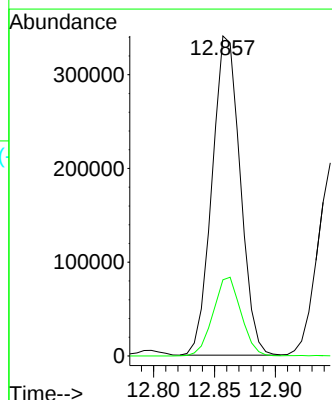
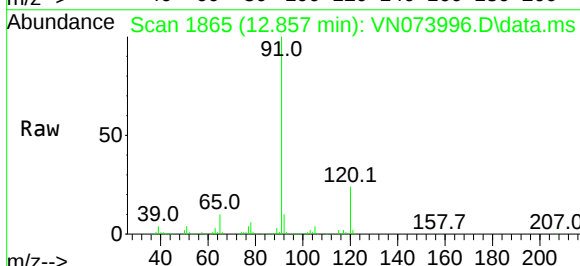
Acq: 18 Aug 2022 11:43

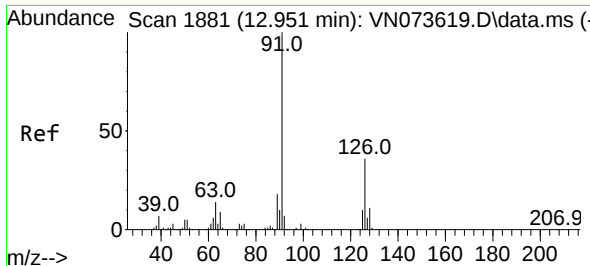
Tgt Ion: 91 Resp: 547275

Ion Ratio Lower Upper

91 100

120 24.5 11.9 35.5

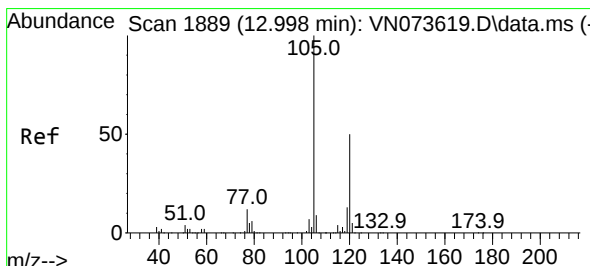
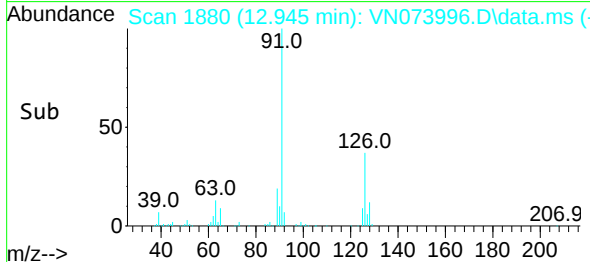
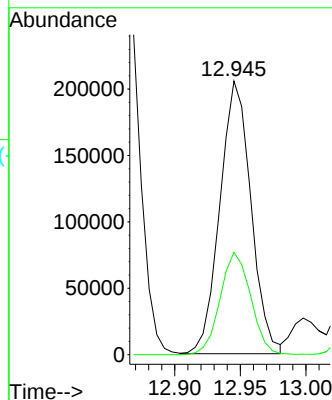
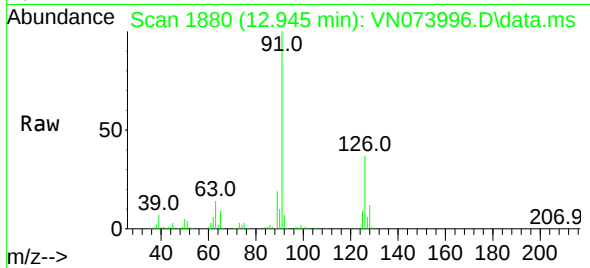




#79  
2-Chlorotoluene  
Concen: 19.285 ug/l  
RT: 12.945 min Scan# 1880  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

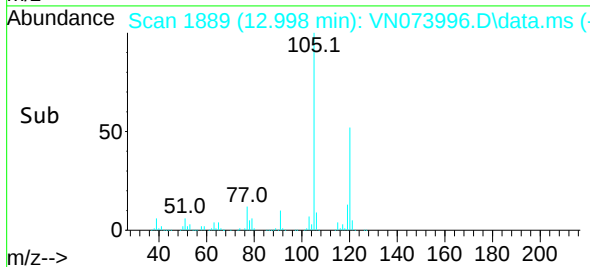
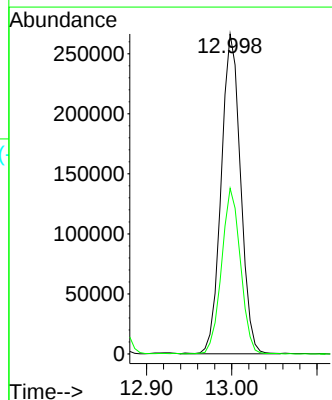
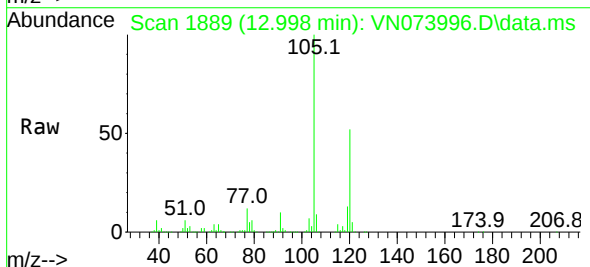
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

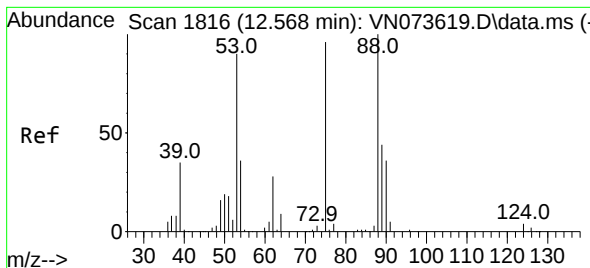
Tgt Ion: 91 Resp: 338705  
Ion Ratio Lower Upper  
91 100  
126 37.0 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 19.488 ug/l  
RT: 12.998 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 105 Resp: 419104  
Ion Ratio Lower Upper  
105 100  
120 50.7 24.9 74.7

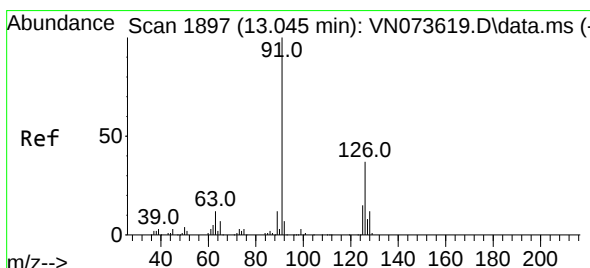
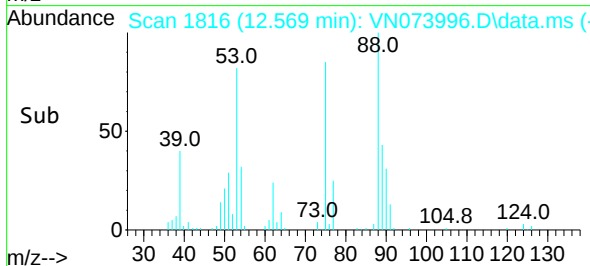
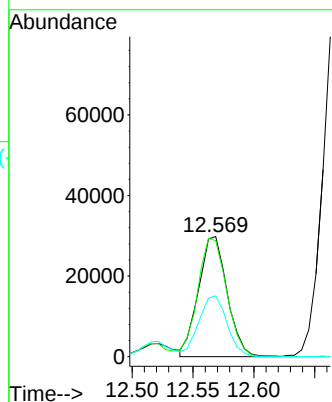
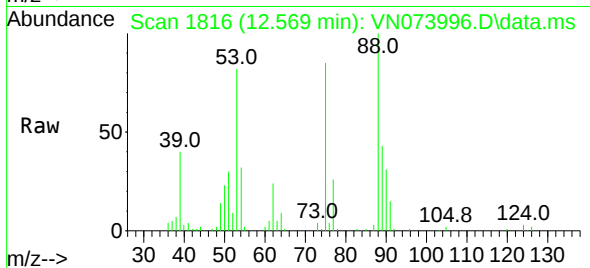




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.419 ug/l  
RT: 12.569 min Scan# 1816  
Delta R.T. 0.001 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

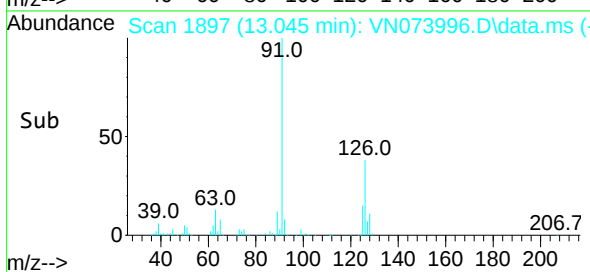
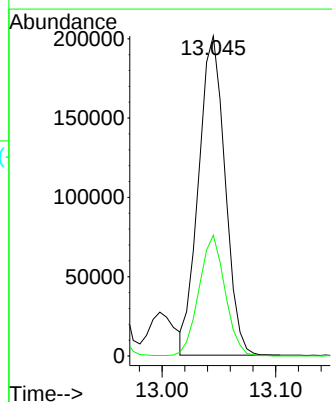
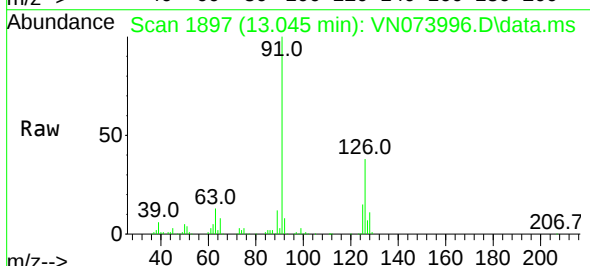
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

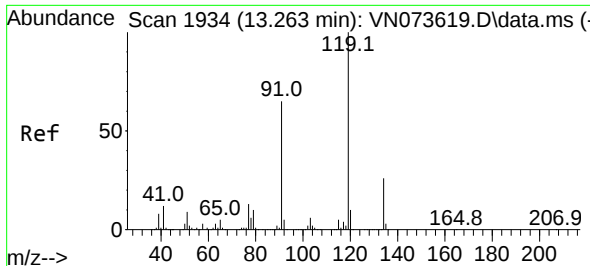
Tgt Ion: 75 Resp: 48875  
Ion Ratio Lower Upper  
75 100  
53 100.6 78.0 117.0  
89 49.7 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 19.530 ug/l  
RT: 13.045 min Scan# 1897  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 91 Resp: 325777  
Ion Ratio Lower Upper  
91 100  
126 37.3 17.2 51.6

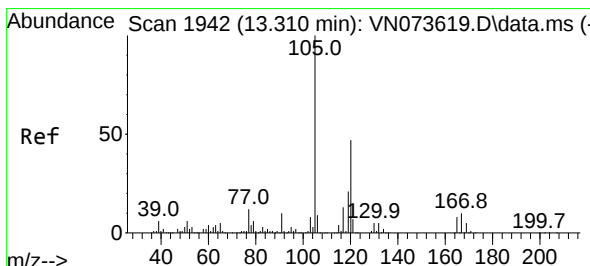
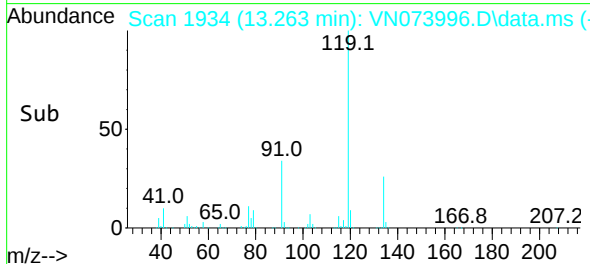
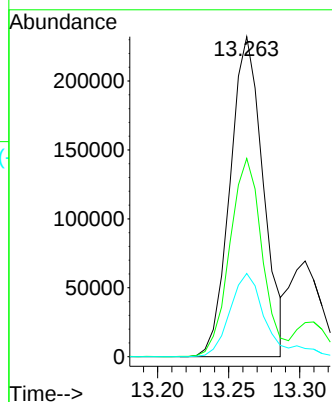
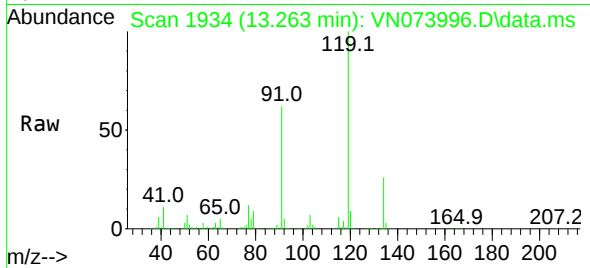




#83  
 tert-Butylbenzene  
 Concen: 19.109 ug/l  
 RT: 13.263 min Scan# 1934  
 Delta R.T. -0.000 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

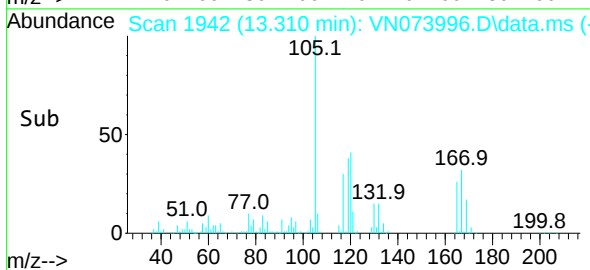
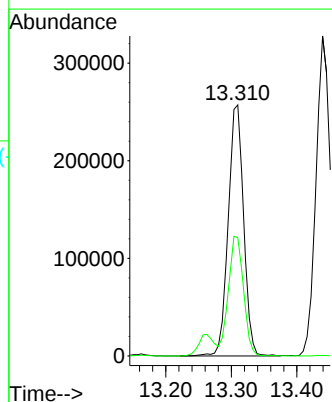
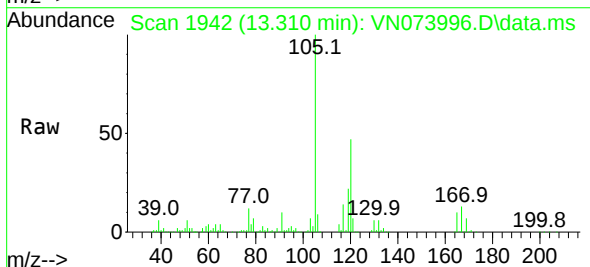
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0818WBSD01

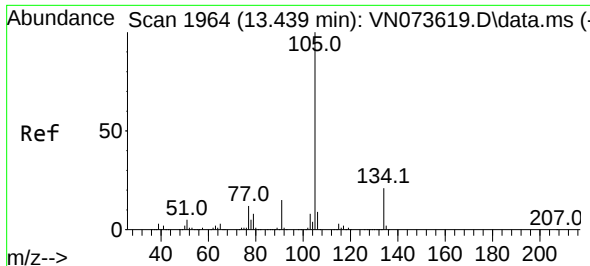
Tgt Ion:119 Resp: 378171  
 Ion Ratio Lower Upper  
 119 100  
 91 61.1 31.6 94.8  
 134 28.4 13.7 41.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.517 ug/l  
 RT: 13.310 min Scan# 1942  
 Delta R.T. -0.000 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

Tgt Ion:105 Resp: 419137  
 Ion Ratio Lower Upper  
 105 100  
 120 46.9 23.3 69.8

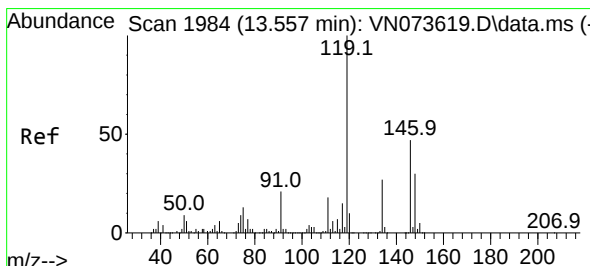
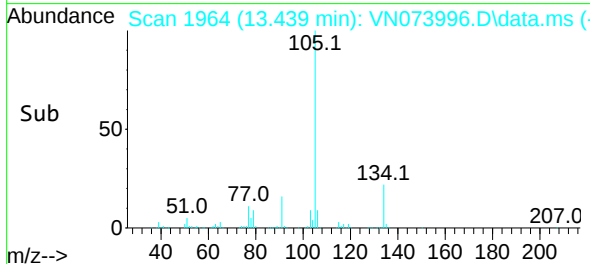
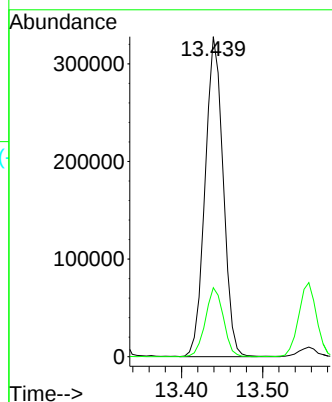
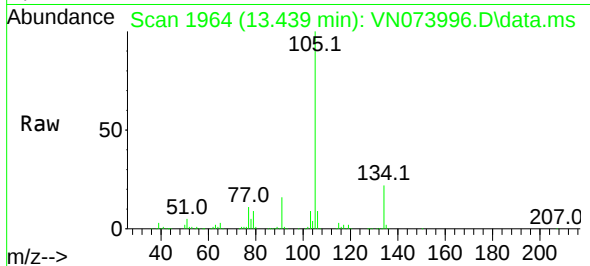




#85  
 sec-Butylbenzene  
 Concen: 19.748 ug/l  
 RT: 13.439 min Scan# 1964  
 Delta R.T. 0.000 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

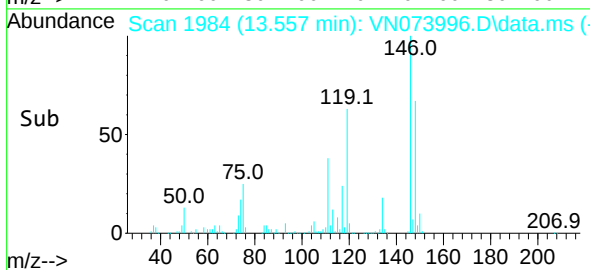
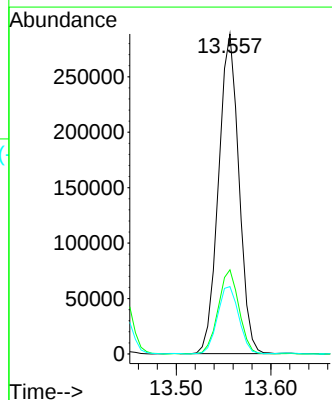
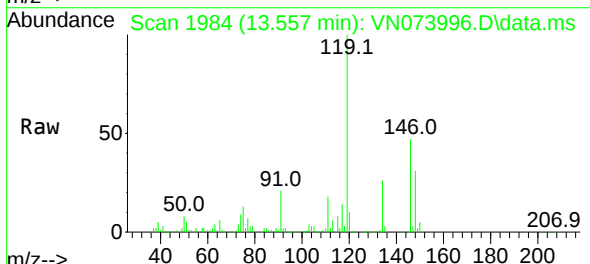
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0818WBSD01

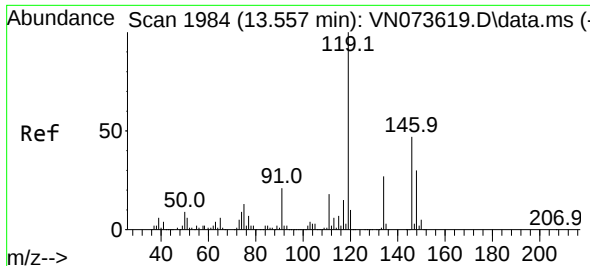
Tgt Ion:105 Resp: 506574  
 Ion Ratio Lower Upper  
 105 100  
 134 21.4 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 19.729 ug/l  
 RT: 13.557 min Scan# 1984  
 Delta R.T. -0.000 min  
 Lab File: VN073996.D  
 Acq: 18 Aug 2022 11:43

Tgt Ion:119 Resp: 431157  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.3 39.8  
 91 22.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.765 ug/l

RT: 13.551 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0818WBSD01

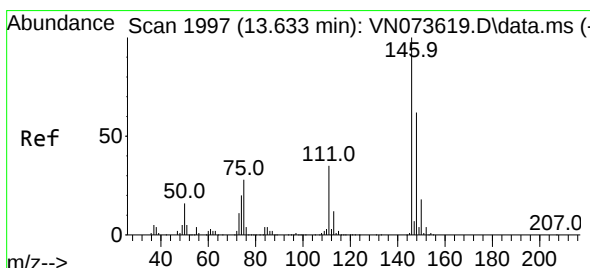
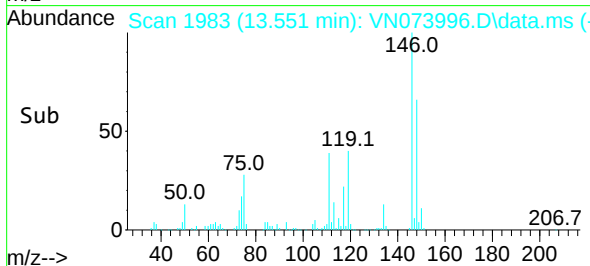
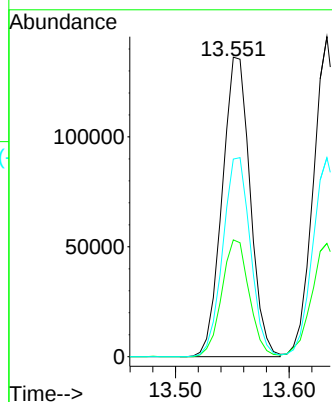
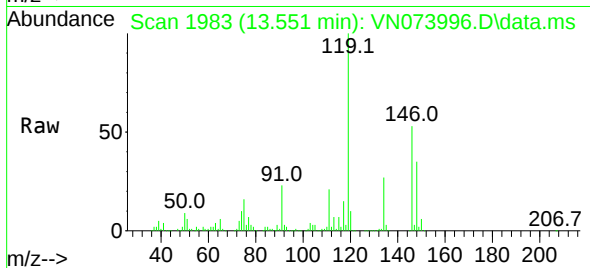
Tgt Ion:146 Resp: 232888

Ion Ratio Lower Upper

146 100

111 38.3 20.0 60.0

148 65.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.645 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

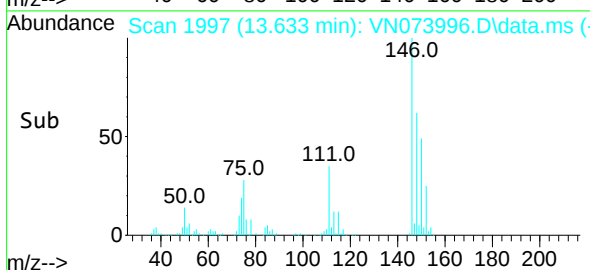
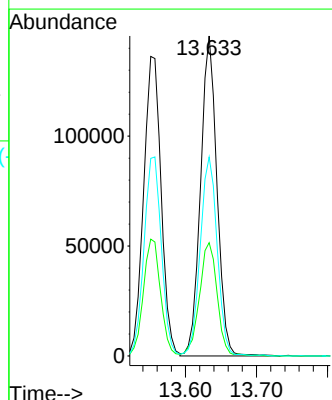
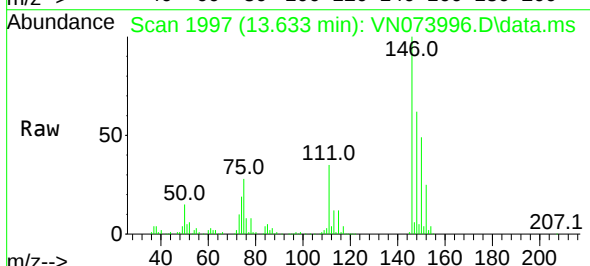
Tgt Ion:146 Resp: 234506

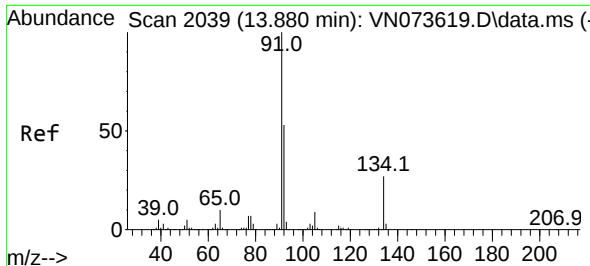
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 63.8 31.4 94.3

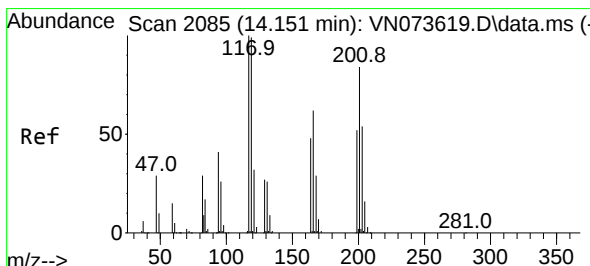
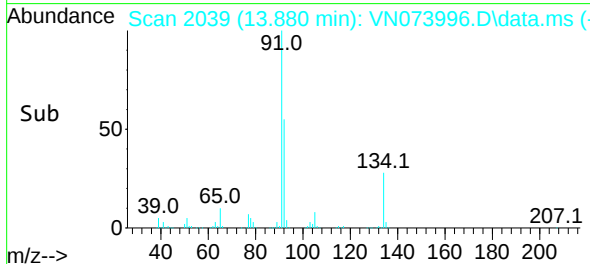
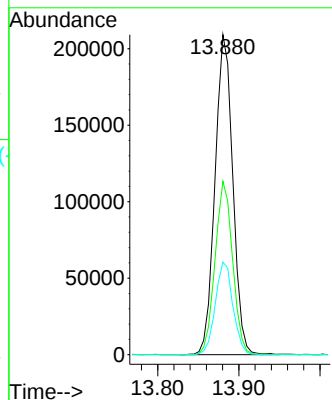
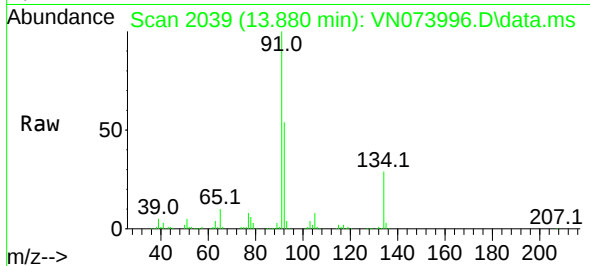




#89  
n-Butylbenzene  
Concen: 18.411 ug/l  
RT: 13.880 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

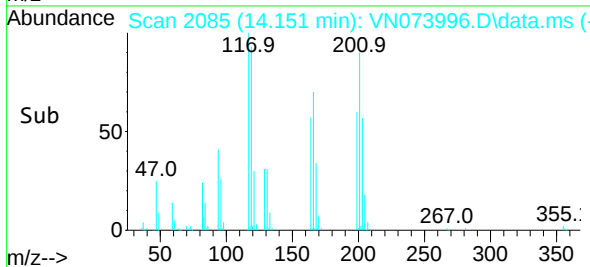
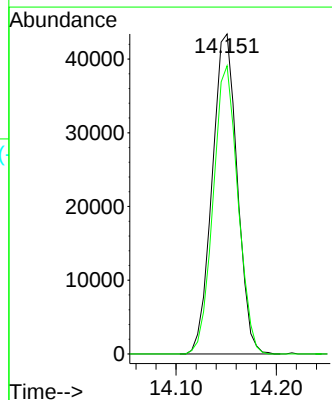
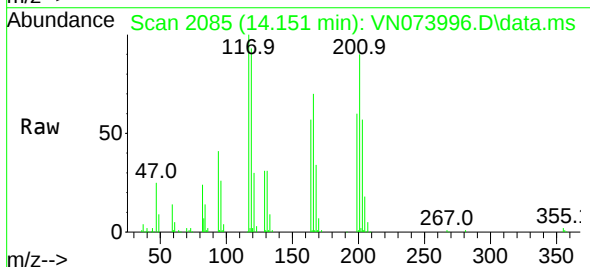
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

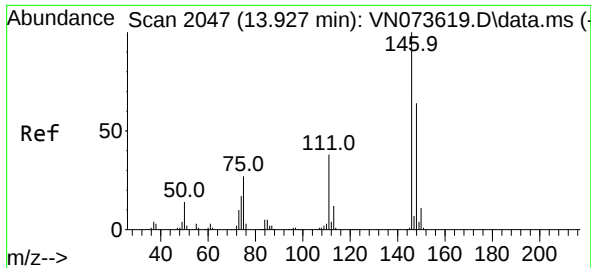
Tgt Ion: 91 Resp: 318677  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.9 80.7  
134 28.7 13.6 40.8



#90  
Hexachloroethane  
Concen: 18.812 ug/l  
RT: 14.151 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 117 Resp: 75147  
Ion Ratio Lower Upper  
117 100  
201 88.6 40.6 122.0

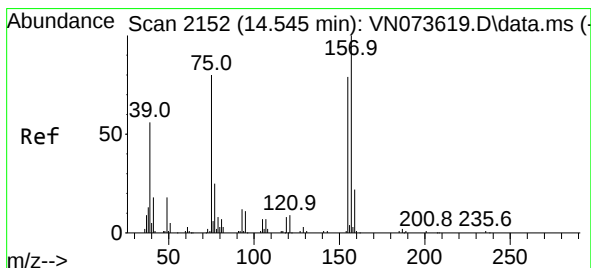
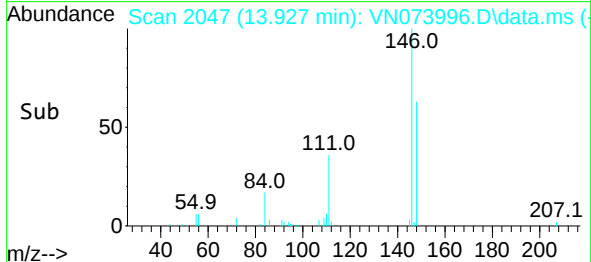
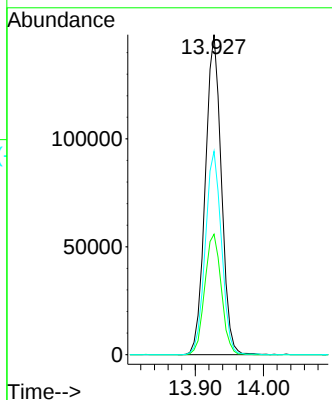
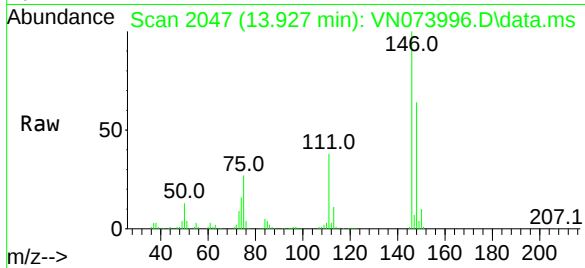




#91  
1,2-Dichlorobenzene  
Concen: 18.974 ug/l  
RT: 13.927 min Scan# 2047  
Delta R.T. 0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

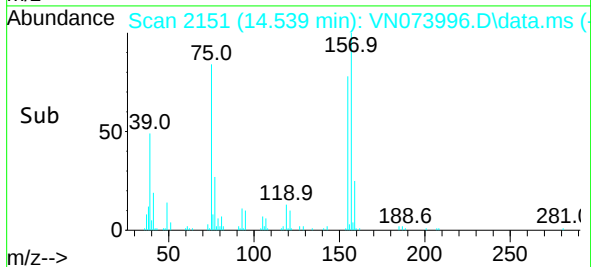
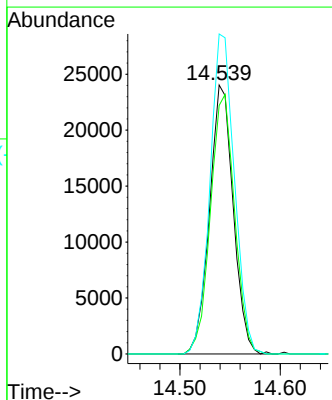
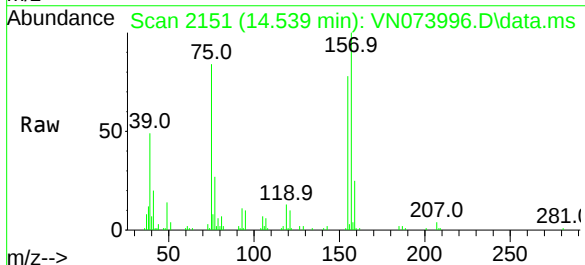
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

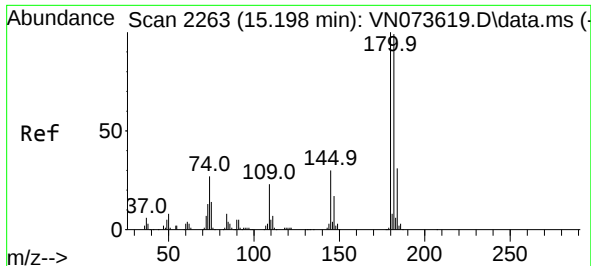
Tgt Ion:146 Resp: 243176  
Ion Ratio Lower Upper  
146 100  
111 38.8 20.9 62.8  
148 64.0 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.865 ug/l  
RT: 14.539 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion: 75 Resp: 39520  
Ion Ratio Lower Upper  
75 100  
155 98.2 44.9 134.5  
157 122.6 59.0 176.8

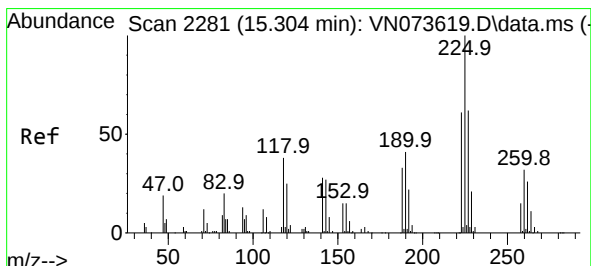
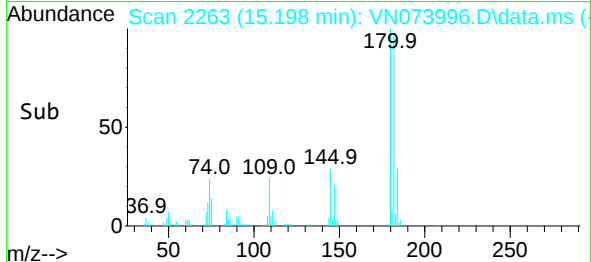
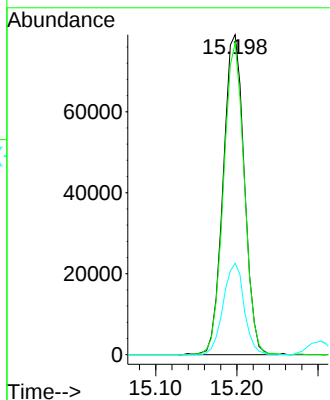
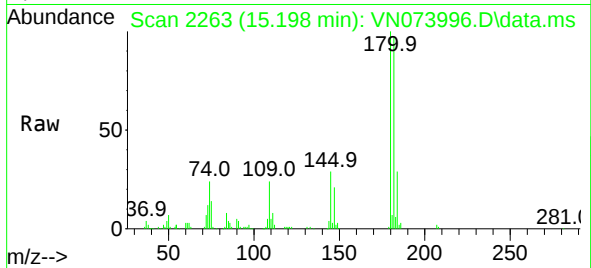




#93  
1,2,4-Trichlorobenzene  
Concen: 18.281 ug/l  
RT: 15.198 min Scan# 2263  
Delta R.T. -0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

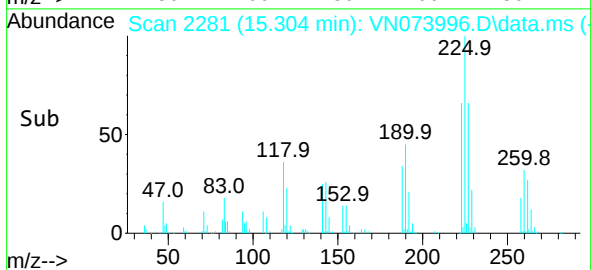
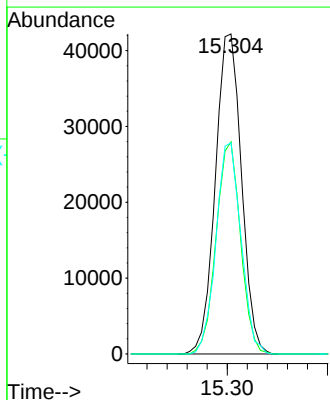
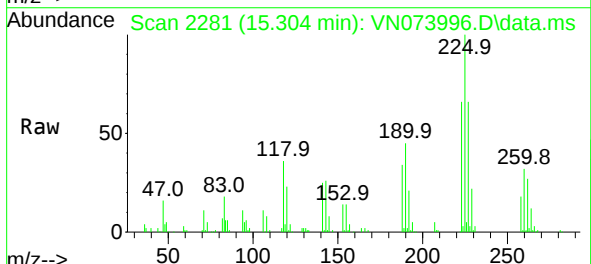
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0818WBSD01

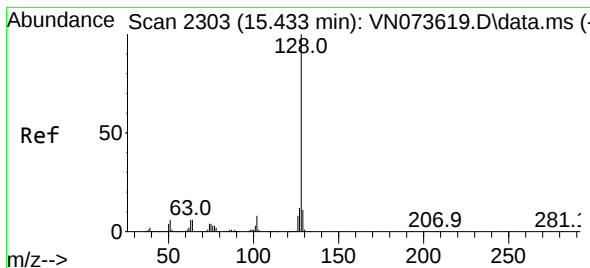
Tgt Ion:180 Resp: 142594  
Ion Ratio Lower Upper  
180 100  
182 95.8 47.5 142.5  
145 28.2 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 18.542 ug/l  
RT: 15.304 min Scan# 2281  
Delta R.T. -0.000 min  
Lab File: VN073996.D  
Acq: 18 Aug 2022 11:43

Tgt Ion:225 Resp: 76242  
Ion Ratio Lower Upper  
225 100  
223 61.9 32.4 97.2  
227 62.9 31.8 95.4





#95

Naphthalene

Concen: 18.752 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Instrument :

MSVOA\_N

ClientSampleId :

VN0818WBSD01

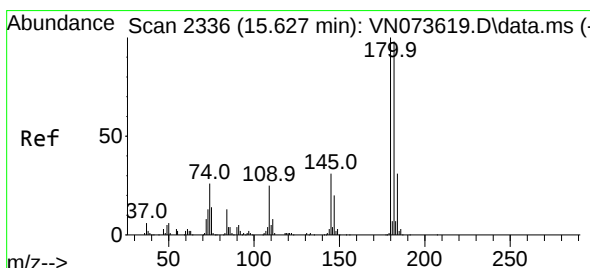
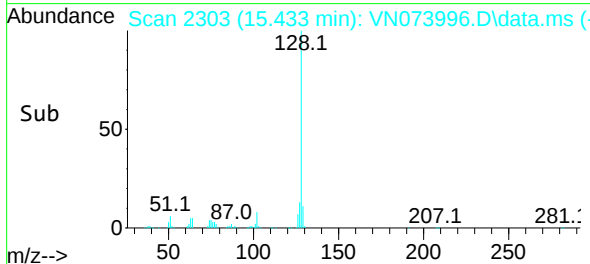
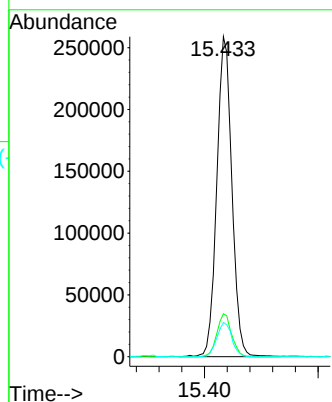
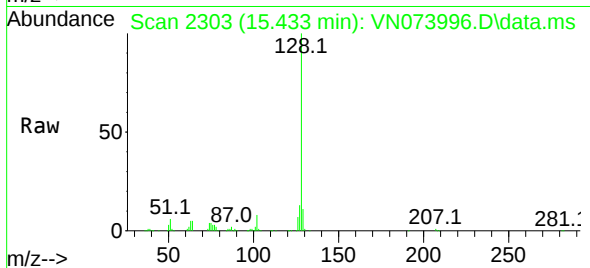
Tgt Ion:128 Resp: 476866

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.613 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN073996.D

Acq: 18 Aug 2022 11:43

Tgt Ion:180 Resp: 150065

Ion Ratio Lower Upper

180 100

182 96.5 47.8 143.3

145 30.1 15.5 46.5

